



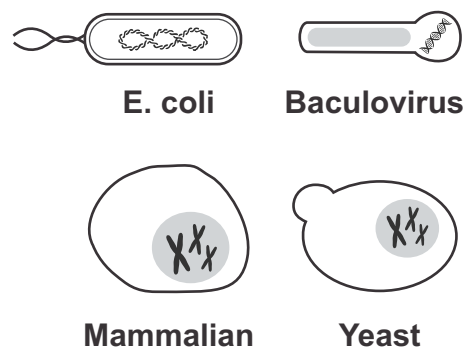
Why choose Bio Basic for your protein projects?

Bio Basic is a full-service provider of protein purification services. With our wide range of in-house molecular biology services, we can take your project from gene synthesis to a guaranteed final amount of purified soluble protein for the lowest price available. Our team of highly trained professionals excel at successfully refolding and purifying proteins using our established protocols. We offer a wide range of packages and expression vectors so you're sure to find the best fit for your project. As with any service, we can customize a package to fit your project. If you require a service not listed, please contact us for a quote!



- Guaranteed E. coli Packages** ensure you receive 1-15mg of your custom purified protein.
- Intact E. coli packages** provide 1mg of tag removed, purified protein in its native form, 90-95% purity, and an endotoxin level of <1eu/ug.
- Animal-origin free packages** do not utilize any viruses or animal-derived components during manufacturing. These systems are suitable for use in pharmaceutical manufacturing.
- Bio Basic Inc. also offers a large catalogue of premade recombinant proteins, including **IGF LR3, streptavidin, enterokinase and more!**

Expression Systems:



Additional Products and Services:

| | | | | | |
|--|--|--|--|-----------------------------------|---|
| Endotoxin Removal (From \$250) | N-terminal Sequencing (From \$250) | Lyophilization Services (From \$500) | Fermentation Services (From \$700) | cGMP Services (inquire) | Recombinant Protein (Premade) |
|--|--|--|--|-----------------------------------|---|



E. coli Protein Purification:

Escherichia coli (E. coli) is one of the most widely used hosts for the production of heterologous proteins. Its genetics are far better characterized than those of any other microorganism. We are pleased to offer many Guaranteed, Traditional and Intact Native Packages for E. coli. As with any service, we can customize a package to fit your project. If you require a service not listed, please contact us for a quote.



Guaranteed Packages*:

| Catalogue # | Description | Deliverable | Timeline | Price |
|-----------------|---|---|-----------|--------|
| PUR-1MG—E.COLI | - 0.5 to 1L Expression and purification - Guaranteed 1 mg of purified protein - QC Testing | - Weekly progress reports - 1 mg of purified protein - QC data | 2-3 weeks | \$1450 |
| PUR-3MG—E.COLI | - 1L Expression and purification - Guaranteed 3 mg of purified protein - QC Testing | - Weekly progress reports - 3 mg of purified protein - QC data | 2-3 weeks | \$1899 |
| PUR-5MG—E.COLI | - 1 to 2L Expression and purification - Guaranteed 5 mg of purified protein - QC Testing | - Weekly progress reports - 5 mg of purified protein - QC data | 2-3 weeks | \$2110 |
| PUR-15MG—E.COLI | - 2 to 3L Expression and purification - Guaranteed 15 mg of purified protein - QC Testing | - Weekly progress reports - 15 mg of purified protein - QC data | 4-6 weeks | \$2880 |

*:1. Prices include customer providing the construct. Gene synthesis services are available for an additional cost. 2. The size of the target protein must be less than 100 kDA. 3. In rare cases, Bio Basic Canada Inc. may use alternative tags to purify a protein. The final protein may be tag containing. 4. Pricing does not include tag removal or endotoxin removal. Additional charges apply for these services. 5. Bio Basic Inc guarantees that the protein will be soluble but does not guarantee the bioactivity or functionality of the protein. If the protein expresses as inclusion bodies, refolding will be done to make the protein soluble. 6. If Bio Basic Canada Inc fails to deliver the final product, only the 50% upfront fee will be charged. 7. Western Blot data is also available free of charge for any tagged proteins than can be detected by the anti-HIS antibody. Additional charges apply for all other proteins.

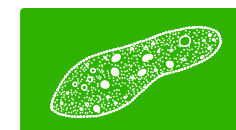
Baculovirus protein expression package:



| Description | Deliverable | Timeline |
|--|---|------------|
| - Sub-cloning into recombinant bacmid DNA - Generation of high titer viral stock - Infection of insect cells with high titer stock - Purification of protein - QC testing: SDS-PAGE and protein concentration determination* | - Weekly progress reports - Desired quantity of purified, soluble protein - QC data | 9-12 weeks |

*: Western Blot data is also available free of charge for any tagged proteins than can be detected by the anti-HIS antibody. Additional charges apply for all other proteins.

Mammalian protein expression package:



| Description | Deliverable | Timeline |
|---|--|-----------|
| - Sub-cloning into mammalian expression system - Transient expression and purification - QC testing: SDS-PAGE and protein concentration | - Weekly progress reports - Desired quantity of purified, soluble protein | 3-4 weeks |

*: Western Blot data is also available free of charge for any tagged proteins than can be detected by the anti-HIS antibody. Additional charges apply for all other proteins.