

HB-EGF
Catalog # PVGS1687

Specification

HB-EGF - Product Information

Primary Accession [XP_023257950.1](#)

Species
Seriola

Sequence
Ser88-Leu179

Purity
≥ 90% as analyzed by SDS-PAGE

Endotoxin Level
< 0.2 EU/ µg of protein by gel clotting method

Biological Activity
ED₅₀ < 1.0 µg/ml, measured by a cell proliferation assay using BALB/3T3 cells, corresponding to a specific activity of > 1.0 × 10³ units/mg.

Expression System
<I>E.coli</I>

Theoretical Molecular Weight
10.06 kDa

Formulation **Lyophilized from a 0.2 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH 8.0**

Reconstitution
Before opening, centrifuge the vial briefly to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂O up to 100 µg/ml

Storage & Stability
Upon receiving, this product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable up to 1 week at 4 °C or up to 3 months at -20 °C. Avoid repeated freeze-thaw cycles.

HB-EGF - Additional Information

Target Background
HB-EGF-like growth factor is synthesized as a membrane-anchored mitogenic and chemotactic glycoprotein. An epidermal growth factor produced by monocytes and macrophages, due to an affinity for heparin is termed HB-EGF. It has been shown to play a role in wound healing, cardiac hypertrophy, and heart development and function.

HB-EGF - Protein Information

HB-EGF - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HB-EGF - Images