

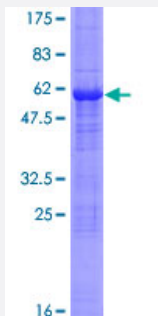
Full-Length

EPIM (Human) Recombinant Protein (P01)

Catalog # H00002054-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EPIM full-length ORF (NP_001971.2, 1 a.a. - 287 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRDRLPDLTACRKNDDGDTVVVVEKDFMDDFFHQVEEIRNSIDKITQYVEEVKKNHSIILSAPNP
EGKIKEELEDLNKEIKKTANKIRAKLKAIEQSFDQDESGNRTSVDLRIIRRTQHSVLSRK FVEAMAEY
NEAQT LFRERSKGRIQRQLEITGR TTTDDELEEMLESGKPSIFTSDIISDSQITRQALNEIESRHKDIM
KLETSIRELHEMFMDMAMFVETQGEMINNIERNVMNATDYVEHAKEETKKAIKYQSKARRKLMFIIC
VIVLLVILGII LATTLS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

59.7

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — STX2

Entrez GeneID [2054](#)

GeneBank Accession# [NM_001980.2](#)

Protein Accession# [NP_001971.2](#)

Gene Name STX2

Gene Alias EPIM, EPM, MGC51014, STX2A, STX2B, STX2C

Gene Description syntaxin 2

Omim ID [132350](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations epimorphin

Pathway

- [SNARE interactions in vesicular transport](#)