

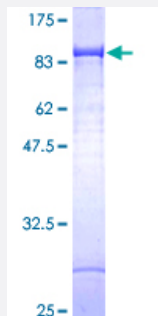
Full-Length

IMP-2 (Human) Recombinant Protein (P01)

Catalog # H00010644-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IMP-2 full-length ORF (AAH21290, 1 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNKLYIGNLSPAVTADDLRQLFGDRKLPLAGQVLLKSGYAFVDYPDQNWAIETLSGKVELHGK
IMEVDYSVSKKLRSRKIQRNIPPHLQWEVLDGLLAQYGTVENVEQVNTDTETAVVNVTYATREEAK
IAMEKLSGHQFENYSFKISYIPDEEVSSPPQRAQRGDHSSREQGHAPGGTSQARQIDFPLRILV
PTQFVGAIIGKEGLTIKNITKQTQSRVDIHRKENSGAAEKPVTIHATPEGTSEACRMILEIMQKEADET
KLAEEIPLKILAHNGLVGRIGKEGRNLKKIEHETGKITISSLQDLSYNPERTITVKGTVEACASAEIEI
MKKLREAFENDMLAVNQANLIPGLNLSALGIFSTGLSVLSPPAGPRGAPPAAPYHPFTTHSGYF
SSLYPHHQFGPFPHHHSYPEQEIVNLIPTQAVGAIIGKKGAHIKQLARFAGASIKIAPAECPDVSER
MVIITGPPEAQFKAQGRIFGKLKEENFFNPKEEVKLEAHIRVPSSTAGRVIGKGGKTVNELQNL TSA
EVIVPRDQTPDENEEVVRIGHFFASQTAQRKIREIVQQVKQEQKYPQGVASQRSK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

91.52

Interspecies Antigen Sequence

Mouse (94); Rat (94)

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 — IGF2BP2

Entrez GeneID	10644
GeneBank Accession#	BC021290
Protein Accession#	AAH21290
Gene Name	IGF2BP2
Gene Alias	IMP-2, IMP2, VICKZ2, p62
Gene Description	insulin-like growth factor 2 mRNA binding protein 2
Omim ID	125853 608289
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the IGF-II mRNA-binding protein (IMP) family. The protein encoded by this gene contains several four KH domains and two RRM domains. It functions by binding to the 5' UTR of the insulin-like growth factor 2 (IGF2) mRNA and regulating IGF2 translation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	IGF II mRNA binding protein 2 IGF-II mRNA-binding protein 2 insulin-like 2 growth factor 2-binding protein 2

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