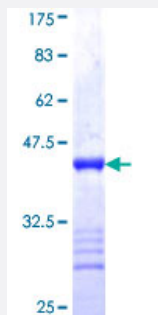


IMP-2 (Human) Recombinant Protein (Q01)

Catalog # H00010644-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IMP-2 partial ORF (NP_006539, 65 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HGKIMEVDYSVSKKLRSRKIQIRNIPPHLQWEVLDGLLAQYGTVENVEQVNTDTETAVVNVTYATREEAKIAMEKLSGHQFENYSFKISYIPDEEVSSPSPQRA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.29
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# [NM_006548](#)

Protein Accession# [NP_006539](#)

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

Disease

- [Atherosclerosis](#)
- [Birth Weight](#)
- [Calcinosis](#)

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes](#)
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- [Diabetes Mellitus](#)
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- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
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