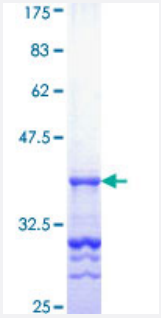
GRB10 (Human) Recombinant Protein (Q01)

Catalog # H00002887-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GRB10 partial ORF (AAH24285, 61 a.a. - 150 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AVRRLQEEDQQFRTSSLPAIPNPFPELCGPGSPPVLTPGSLPPSQAAAKQDVKVFSEDGTSKVVEILADMTARDLCQLLVYKSHCVDDNS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
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 — GRB10

Entrez GeneID	2887
GeneBank Accession#	BC024285
Protein Accession#	AAH24285
Gene Name	GRB10
Gene Alias	GRB-IR, Grb-10, IRBP, KIAA0207, MEG1, RSS
Gene Description	growth factor receptor-bound protein 10
Omim ID	601523
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to a small family of adapter proteins that are known to interact wi th a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth fa ctor receptor-binding protein that interacts with insulin receptors and insulin-like growth-factor rec eptors. Overexpression of some isoforms of the encoded protein inhibits tyrosine kinase activity a nd results in growth suppression. This gene is imprinted in a highly isoform- and tissue-specific m anner. Alternatively spliced transcript variants encoding different isoforms have been identified. [p rovided by RefSeq
Other Designations	GRB10 adaptor protein|insulin receptor-binding protein Grb-IR|maternally expressed gene 1

Disease

- Birth Weight
- Diabetes Mellitus
- Overweight