

Recombinant Human GRB10 Protein, His-tagged

Cat. No. GRB10-246H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRB10(Thr392~Leu594) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr392~Leu594
Description	The product of this gene belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with insulin receptors and insulin-like growth-factor receptors. Overexpression of some isoforms of the encoded protein inhibits tyrosine kinase activity and results in growth suppression. This gene is imprinted in a highly isoform- and tissue-specific manner, with expression observed from the paternal allele in the brain, and from the maternal allele in the placental trophoblasts. Alternatively spliced transcript variants encoding different isoforms have been identified.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	26.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)

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Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	GRB10 growth factor receptor-bound protein 10 [Homo sapiens]
Official Symbol	GRB10
Synonyms	GRB10; growth factor receptor-bound protein 10; GRB10 adapter protein; GRB10 adaptor protein; maternally expressed gene 1; insulin receptor-binding protein Grb-IR; RSS; IRBP; MEG1; GRB-IR; Grb-10; KIAA0207;
Gene ID	2887
mRNA Refseq	NM_001001549
Protein Refseq	NP_001001549

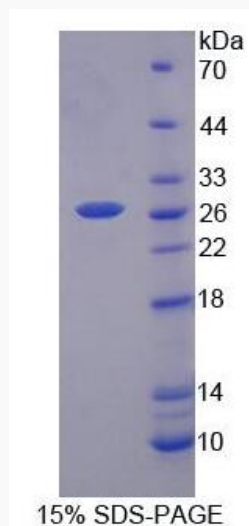
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UniProt ID Q13322



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