

Recombinant Human GRB10 Protein, GST-tagged

Cat. No. GRB10-5035H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRB10 full-length ORF (NP_001001550.1, 1 a.a. - 536 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]
Molecular Mass	87.2 kDa
AA Sequence	MNASLESLSYACSMQSDTVPLLQNGQHARSQPRASGPPRSIQPQVSPRQRVQRSQ PVHILAVRRLQEEDQQFRTSSLPAIPNPFPELCGPGSPVLTGSLPPSQAAAKQDV KVFSEDGTSKVVEILADMTARDLCQLLVYKSHCVDNSWTLVEHHPHLGLERCLED HELVVQVESTMASESKFLFRKNYAKYEFFKNPMNFFPEQMTWCQQSNGSQTQLL QNFLNSSSCPEIQGFLHVKELGKKS WKLYVCLRRSGLYCSTKGTSGKEPRHLQLLA DLED SNIFSLIAGRKQYNAPTDHGLCIKPNKVRNETKELRLLCAEDEQTRTCWMTAF

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RLLKYGMLLYQNYRIPQQRKALLSPFSTPVRSVSENSLVAMDFSGQTGRVIENPAEA
 QSAALEEGHAWRKSTRMNILGSQSPLHPSTLSTVIHRTQHWFHGRISREESHRIIK
 QQGLVDGLFLLRDSQSNPKAFVLTLCCHQKIKNFQILPCEDDGQTTFFSLDDGNTKFS
 DLIQLVDFYQLNKGVLPCCLKHHHCIRVAL

Applications

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

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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

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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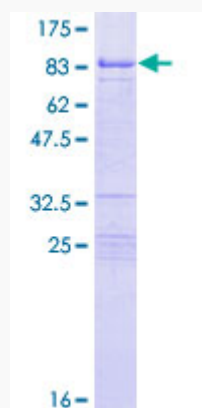
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MIM 601523

UniProt ID Q13322

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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