

Product datasheet for **TP306853**

GRB10 (NM_001001555) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human growth factor receptor-bound protein 10 (GRB10), transcript variant 4, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC206853 protein sequence
Red=Cloning site **Green**=Tags(s)

MNASLESLSYACSMQSDTVPLLQNGQHARSQPRASGPPRSIQPVSPRQRVQRSQPVHILAVRRLQEEDQ
QFRTSSLPAIPNPFPELCGPGSPPVLTGSLPPSQAQAAKQDVKFSEDTGTSKVVEILADMTARDLCQLLV
YKSHCVDNDSWTLVEHHPHLGLERCLEDHELVVQVESTMASESKFLFRKNYAKYEFFKNPMNFFPEQMVT
WCQQSNGSQTQLLQNFLNSSSCPEIQGFLHVKELGKKS WKLYVCLRRSGLYCSTKGTSKEPRHLQLLAD
LEDNIFSLIAGRKYNAPTDHGLCIKPNKVRNETKELRLLCAEDEQTRTCWMTAFRLKYGMMLLYQNYR
IPQQRKALLSPFSTPVRVSSENSLVAMDFSGQTGRVIENPAEAQSAALEEGHAWRKRSTRMNLGQSPL
HPSTLSTVIHRTQHWFHGRISREESHRIKQQLVDGLFLLRDSQSNPKAFVLTLCCHQKIKNFQILPCE
DDGQTFFSLDDGNTKFSDLIQLVDFYQLNKGVLPCCKLKHHCIRVAL

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 60.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

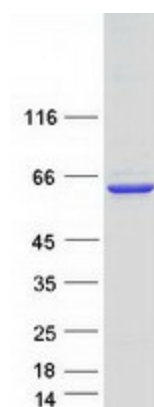
Storage: Store at -80°C.



[View online »](#)

Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001001555
Locus ID:	2887
UniProt ID:	Q13322
RefSeq Size:	5040
Cytogenetics:	7p12.1
RefSeq ORF:	1608
Synonyms:	Grb-10; GRB-IR; IRBP; MEG1; RSS
Summary:	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. [provided by RefSeq, Oct 2010]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified GRB10 protein (Cat# TP306853). The protein was produced from HEK293T cells transfected with GRB10 cDNA clone (Cat# [RC206853]) using MegaTran 2.0 (Cat# [TT210002]).