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GRB10 Protein (Transcript Variant 4) (Myc-DYKDDDDK Tag)



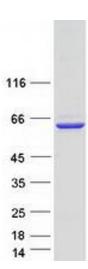
Go to Product page

1 Image

Overview	
Quantity:	20 μg
Target:	GRB10
Protein Characteristics:	Transcript Variant 4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRB10 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	Recombinant human GRB10 / GRBIR (transcript variant 4) protein expressed in HEK293 cells.
	Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	GRB10
Alternative Name:	Grb10,grbir (GRB10 Products)
Background:	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

Target Details

Target Details	
	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.
Molecular Weight:	60.7 kDa
NCBI Accession:	NP_001001555
Pathways:	Regulation of Carbohydrate Metabolic Process, Signaling Events mediated by VEGFR1 and
	VEGFR2
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot