

Recombinant Human GRB14 Protein, MYC/DDK-tagged

Cat. No. GRB14-538H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human growth factor receptor-bound protein 14 (GRB14) with C-MYC/DDK tag was expressed in HEK293T cells.
Species	Human
Source	HEK293
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. This protein likely has an inhibitory effect on receptor tyrosine kinase signaling and, in particular, on insulin receptor signaling. This gene may play a role in signaling pathways that regulate growth and metabolism. Alternative splicing results in multiple transcript variants.
Molecular Mass	60.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at –80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	>50 ug/mL

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name GRB14

Official Symbol GRB14 growth factor receptor bound protein 14 [Homo sapiens (human)]

Synonyms GRB14; growth factor receptor bound protein 14; growth factor receptor-bound protein 14; GRB14 adapter protein

Gene ID 2888

mRNA Refseq NM_004490

Protein Refseq NP_004481

MIM 601524

UniProt ID Q14449

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