

Recombinant Human GRB10 cell lysate

Cat. No. GRB10-751HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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
MIM	601523
UniProt ID	Q13322
Chromosome Location	7p12.2
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem; IGF1 pathway, organism-specific biosystem; Insulin Pathway, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Insulin receptor signalling cascade, organism-specific biosystem; Kit Receptor Signaling Pathway, organism-specific biosystem; PDGFR-beta signaling pathway, organism-specific biosystem;
Function	SH3/SH2 adaptor activity; insulin receptor binding; protein binding;

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