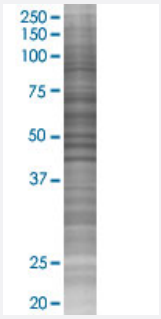
GRB10 293T Cell Transient Overexpression Lysate(Denatured)

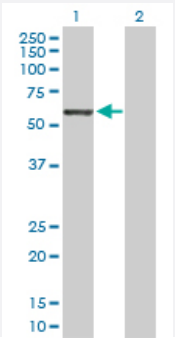
Catalog # H00002887-T04 Size 100 uL

Applications



SDS-PAGE Gel

GRB10 transfected lysate.



Western Blot

Lane 1: GRB10 transfected lysate (60.80 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GRB10 full-length
Host	Human
Theoretical MW (kDa)	60.8
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-GRB10 antibody (H00002887-D01P) by W estern Blots. SDS-PAGE Gel GRB10 transfected lysate. Western Blot Lane 1: GRB10 transfected lysate (60.80 KDa) Lane 2: Non-transfected lysate.

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Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GRB10

Entrez GeneID	2887
GeneBank Accession#	NM_001001550
Protein Accession#	NP_001001550.1
Gene Name	GRB10
Gene Alias	GRB-IR, Grb-10, IRBP, KIAA0207, MEG1, RSS
Gene Description	growth factor receptor-bound protein 10
Omim ID	601523
Gene Ontology	Hyperlink
Gene 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. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	GRB10 adaptor protein|insulin receptor-binding protein Grb-IR|maternally expressed gene 1

Disease

- Birth Weight
- Diabetes Mellitus
- Overweight

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