

Human GRB7 Knockdown Cell Lysate

Cat. No. GRB7-185HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated GRB7 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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 epidermal growth factor receptor (EGFR) and ephrin receptors. The protein plays a role in the integrin signaling pathway and cell migration by binding with focal adhesion kinase (FAK). Several transcript variants encoding two different isoforms have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	60 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GRB7 KD HeLa cell lysate
Protein Families	Druggable Genome, Embryonic stem cells, Stem cell - Pluripotency
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	GRB7 growth factor receptor-bound protein 7 [Homo sapiens (human)]
Official Symbol	GRB7
Synonyms	GRB7; growth factor receptor-bound protein 7; B47; GRB7 adapter protein; epidermal growth factor receptor GRB-7;
Gene ID	2886
mRNA Refseq	NM_001030002
Protein Refseq	NP_001025173
MIM	601522
UniProt ID	Q14451

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