

Recombinant Human GRB7, His-tagged

Cat. No. GRB7-13521H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRB7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	184-532a.a.
Description	This gene encodes a protein with G-patch and KOW domains which are involved in RNA binding. The encoded protein may be orthologous to the Arabidopsis protein, modifier of snc 1, 2, which contains the same domains and is required for innate resistance to some pathogens (PMID: 16271871).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	GRB7 growth factor receptor-bound protein 7 [Homo sapiens]
Official Symbol	GRB7

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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
Chromosome Location	17q12
Pathway	Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Downstream signal transduction, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; EPHB forward signaling, organism-specific biosystem; GRB7 events in ERBB2 signaling, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	RNA binding; SH3/SH2 adaptor activity; identical protein binding; lipid binding; phosphatidylinositol binding; protein binding; protein kinase binding;

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