

Recombinant Human GRB2 Protein, DYKDDDDK-tagged

Cat. No. GRB2-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human growth factor receptor bound protein 2(GRB2), transcript variant 1(NM_002086), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	Isoform 2 does not bind to phosphorylated epidermal growth factor receptor (EGFR) but inhibits EGF-induced transactivation of a RAS-responsive element. Isoform 2 acts as a dominant negative protein over GRB2 and by suppressing proliferative signals, may trigger active programmed cell death.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.339, without any preservatives.
Molecular Mass	25 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION

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Gene Name	GRB2 growth factor receptor-bound protein 2 [Homo sapiens]
Official Symbol	GRB2
Synonyms	GRB2; growth factor receptor-bound protein 2; NCKAP2; HT027; protein Ash; SH2/SH3 adapter GRB2; abundant SRC homology; growth factor receptor-bound protein 3; epidermal growth factor receptor-binding protein GRB2; ASH; Grb3-3; MST084; MSTP084; EGFRBP-GRB2;
Gene ID	2885
mRNA Refseq	NM_002086
Protein Refseq	NP_002077
MIM	108355
UniProt ID	P62993

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