

Recombinant Human GRB2 Protein, GST-tagged

Cat. No. GRB2-5038H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GRB2 full-length ORF (AAH00631, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. This gene is similar to the Sem5 gene of C.elegans, which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	49.61 kDa
AA Sequence	MEAIKYDFKATADDELSFKRGDILKVLNEECDQNWYKAELNGKDGFIKPNYIEMKP HPWFFGKIPRAKAEEMLSKQRHDGAFLIRESEAPGDFSLSVKFGNDVQHFKVLRLD GAGKYFLWVVKFNSLNELVDYHRSTSVSRNQQIFLRDIEQVPQQPTYVQALFDFDP QEDGELGFRRGDFIHVMDNSDPNWWKGACHGQTGMFPRNYVTPVNRNV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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