

Recombinant Mouse Grb2 Protein, MYC/DDK-tagged

Cat. No. Grb2-1054M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse growth factor receptor bound protein 2 (Grb2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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. Three alternatively spliced transcript variants encoding the same protein have been found for this gene..
Molecular Mass	25.7 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Grb2 growth factor receptor bound protein 2 [Mus musculus (house mouse)]

Official Symbol Grb2

Synonyms Grb2; growth factor receptor bound protein 2; Ash; AA408164; growth factor receptor-bound protein 2; SH2/SH3 adapter GRB2; adapter protein GRB2

Gene ID 14784

mRNA Refseq NM_008163

Protein Refseq NP_032189

UniProt ID Q60631

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