

Recombinant Mouse Eps15 Protein, MYC/DDK-tagged

Cat. No. Eps15-965M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse epidermal growth factor receptor pathway substrate 15 (Eps15), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in cell growth regulation. May be involved in the regulation of mitogenic signals and control of cell proliferation. Involved in the internalization of ligand-inducible receptors of the receptor tyrosine kinase (RTK) type, in particular EGFR. Plays a role in the assembly of clathrin-coated pits (CCPs). Acts as a clathrin adapter required for post-Golgi trafficking. Seems to be involved in CCPs maturation including invagination or budding. Involved in endocytosis of integrin beta-1 (ITGB1) and transferrin receptor (TFR); internalization of ITGB1 as DAB2-dependent cargo but not TFR seems to require association with DAB2.
Molecular Mass	64.8 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.

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Concentration >50 g/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Eps15 epidermal growth factor receptor pathway substrate 15 [Mus musculus (house mouse)]

Official Symbol Eps15

Synonyms Eps15 epidermal; growth factor receptor pathway substrate 15; 2410112D09Rik; epidermal growth factor receptor substrate 15; epidermal growth factor pathway substrate 15; protein AF-1p

Gene ID 13858

mRNA Refseq NM_001159964

Protein Refseq NP_001153436

UniProt ID P42567

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