

Product datasheet for TP526696

Eps15 (NM_001159964) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse epidermal growth factor receptor pathway substrate 15 (Eps15), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR226696 representing NM_001159964
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MYLKSDSGLGGWIAIPAVADVLRYSIVCWSSREKNNVEQDLKEKEDTVKQRTSEVQDLQDEVQRESINL
QKLQAQKQQVQELLGELDEQKAQLEEQLQEVRKKCAEEAQLLISSLKAEITSQESQISSYEEELLKAREEL
SRLQQETAQLEESVESGKAQLEPLQQHLQESQQEISSMQMRLEMKDLETNNQSNWSSSPQSVLVNGATD
YCSLSTSSSETANFNEHAEGQNNLESEPTHQESSVRSSPEIAPSDVTDESEAVTVAGNEKVTPRFDDDKH
SKEEDPFNVESSLTDAVADTNLDFQSDPFVGSDFKDDPFKIDPFGGDPFKGSDPFASDCFFKQTST
DPFTTSSTDPFASASSNSNTSVETWKHNDPFAPGGTVVAAASDSATDPFASVFGNESFGDGFADFSTLSK
VNNEDAFNPTISSSTSSVTIAKPMLEETASKSEDVPPALPPKVGTPTRPCPPPGKRPINKLSDSPLKL
NDPFQFPFGNDSPKEKDPDMFCDPFTSSTTTNKEADPSNFANFSAYPSEEDMIEWAKRESEREEERQLAR
LNQQEQEDLELAIALSKSEISEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	64.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001153436](#)
Locus ID: 13858
UniProt ID: [P42567](#), [Q80ZL3](#), [A0A0R4J0A0](#)
RefSeq Size: 4244
Cytogenetics: 4 C7
RefSeq ORF: 1749
Synonyms: 2410112D09Rik

Summary: 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.[UniProtKB/Swiss-Prot Function]