

Product datasheet for TP527514

Ppp1r15a (NM_008654) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein phosphatase 1, regulatory subunit 15A (Ppp1r15a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227514 protein sequence Red=Cloning site Green=Tags(s)

MAPSPRPQHVLHWRDAHNFYLLSPLMGLLSRAWSRLRGPEVPEAWLAKTVTGDQIEAAAALLTPTPVSGN
LLPHGETEESGSPEQSQAARLCLVEAESSPPETWGLSNVDEYNAKPGQDDLREKEMERTAGKATLQPAG
LQGADKRLGEVAREEGVAEPAYPTSQLEGGPAENEEDGETVKTYQASAASIAPGYKPSTPVPFLGAEH
QATEEKGTENKADPSNSPSSGSHSRAWWEYSREKPKQEGEAKVEAHRAGQGHPCRNAEAEEGGPETTFVC
TGNAFLKAWVYRPGEDTEEDNSDSDSAEEETAQTGATPHTSAFLKAWVYRPGEDTEEDSDSDSAEEDT
AQTGATPHTSAFLKAWVYRPGEDTEEENSDDLSDAEEETAQTGATPHTSAFLKAWVYRPGEDTEEENSDDL
SAEETAQTGATPHTSPFLKAWVYRPGEDTEDTEEEEDSENVAPGDSETADSSQSPCLQPQRCLPGEKT
KGRGEEPLFQVAFYLPGEKPESPWAAPKPLRLRRLRFLKAPTRDQDPEIPLKARKVHFAEKVTVHFL
AWWAGPAQAARRGPWEQFARDRSRFARRIAQAEKLGPYLTPDSRARAWARLRNPSLPQSEPRSSSEATP
LTQDVTPSPSPSETPSPSLYLGRRG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	71.8 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_032680](#)

Locus ID: 17872

UniProt ID: [P17564](#), [B2RRL7](#)

RefSeq Size: 2345

Cytogenetics: 7 B3

RefSeq ORF: 1974

Synonyms: 9630030H21; Gadd34; Myd116

Summary: Recruits the serine/threonine-protein phosphatase PP1 to dephosphorylate the translation initiation factor eIF-2A/EIF2S1, thereby reversing the shut-off of protein synthesis initiated by stress-inducible kinases and facilitating recovery of cells from stress. Down-regulates the TGF-beta signaling pathway by promoting dephosphorylation of TGFB1 by PP1. May promote apoptosis by inducing TP53 phosphorylation on 'Ser-15'. In case of infection with vesicular stomatitis virus (VSV), impairs viral replication.[UniProtKB/Swiss-Prot Function]