

## Product datasheet for TP522635

### Ppp1r12a (NM\_027892) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein phosphatase 1, regulatory subunit 12A (Ppp1r12a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222635 representing NM_027892 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MKMADAKQKRNEQLKRWIGSETDLEPPVVKRQTKVKFDDGAVFLAACSSGDTDEVLKLHHRGADINYAN  
VDGLTALHQACIDDDNVDVMVKFLVENGANINQPDNEGWIPLHAAASCGYLDIAEFLIGQGAHVGVAVNSEGD  
TPLDIAEEEAAMEELLQNEVNRQGVDIEAARKEEERVMLRDARQWLNSGHISDVRHAKSGGTALHVAAGK  
YTEVLKLLIQAGYDVNIKDYDGWTPHAAAHWGKEEACRILVDNLCDMETVNVKVGQTAFDVADEDILGYL  
EELQKKQTLHSEKRDKKSPLIESTANMENNQPQKAFKNKETLIIPEKNASRIESLEHEKADEEEEGKK  
DESSCSSEDEEDDSESEAETDKTKPMASVSNAHTSSTQAAPAAVTAPTLSSNQGTPTSPVKKFPSTTK  
ISPKEEERKDESPASWRLGLRKTGSYGALAEISASKEAQKEKDTAGVMRSASSPRLSSSLDNKEKEKDNK  
GTRLAYVTPTIPRRLASTSDIEEKENRESSLRSSSYTRRKWEDDLKKNSSINEGSTYHRSCSFGRQRD  
DLISCSVPSTTSTPTVTSAAQLRSLPSSTSTAAPTTPGSSSAGTQSSTSNRLWAEDSTEKEKDSAPTAV  
TIPVAPTWNAAAPSTTTTLLTTTGTAGTVSEVRERRRSYLTVPVRDEESESQRKARSQRARSRSTQGVTLT  
DLQEAETIGRSRSTRTREQENEEKEKEKEKQDKEKQEEKKESEASREDEYKQKYSRTYDETYTRYRPV  
STSSSSAPSSSSLSTLGSTLYASSQLNRPNSLVGITSAYSRLAKENEREKEKKEEKEGEDKSQPKSIR  
ERRRRPREKRRSTGVSWTQDSDENEQERQSDTEDGSSKRETQTDVSVRYDSSSTSSSDRYDSSLGRSASY  
SYLEDKPYSSRLEKDDSTDFKLYEQILAENEKLKAQLHDTNMELTDLKLQLEKATQRQERFADRSLQLE  
MEKRVAGKSQYLLGGTKSSRKKNI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

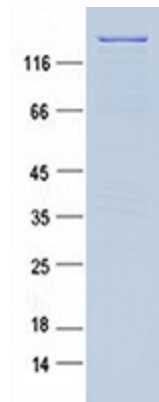
Tag:	C-MYC/DDK
Predicted MW:	112.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_082168</a>
<b>Locus ID:</b>	17931
<b>UniProt ID:</b>	<a href="#">Q9DBR7</a>
<b>RefSeq Size:</b>	3403
<b>Cytogenetics:</b>	10 56.33 cM
<b>RefSeq ORF:</b>	3012
<b>Synonyms:</b>	1200015F06Rik; 5730577I22Rik; AA792106; AV099298; D10Ert625e; Mypt1
<b>Summary:</b>	Key regulator of protein phosphatase 1C (PPP1C). Mediates binding to myosin. As part of the PPP1C complex, involved in dephosphorylation of PLK1. Capable of inhibiting HIF1AN-dependent suppression of HIF1A activity (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Ppp1r12a was analyzed by SDS-PAGE gel and Coomassie Blue Staining.