Product datasheet for TP500757

Ppp1r11 (NM_029632) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein phosphatase 1, regulatory inhibitor subunit 11 (Ppp1r11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200757 protein sequence Red=Cloning site Green=Tags(s) MAETGAGISETVTETTVTETTVTETTEPENQSLIMKLRKRKPEKKVEWSSDTVDNEHMGRRSSKCCCIYE KPRAFGESSTESDEDEEEGCSHKHCVRGHRKGRRPTTPAPTPTTPPQPPDPSQPPPGPMQH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	14.5 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.
RefSeq:	NP_083908
Locus ID:	76497
UniProt ID:	Q8K1L5
RefSeq Size:	1696
Cytogenetics:	17 19.16 cM
RefSeq ORF:	393

View online »

Synonyms:	1500041B02Rik; AV117883; Hcgv; Tcte5; Tctex-5; Tctex5
Summary:	Atypical E3 ubiquitin-protein ligase which ubiquitinates TLR2 at 'Lys-754' leading to its degradation by the proteasome. Plays a role in regulating inflammatory cytokine release and gram-positive bacterial clearance by functioning, in part, through the ubiquitination and degradation of TLR2 (PubMed:27805901). Inhibitor of protein phosphatase 1 (By similarity). [UniProtKB/Swiss-Prot Function]