

Product datasheet for TP522688

Dusp6 (NM_026268) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dual specificity phosphatase 6 (Dusp6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222688 representing NM_026268 Red =Cloning site Green =Tags(s)
	MIDTLRPVPFASEMAICKTVSWLNEQLELGNERLLLMDCRPQELYESSHIESAINVAIPGIMLRRLQKGN LPVRALFTRCEDRDRFRTRRCGTDTVVLYDENSSDWNENTGGESVLGLLLKLLKDEGCRAFYLEGGFSKFQ AEFALHCETNLDGSCSSSPPLPVLGLGGLRISDSSSDIESDLDRDPNSATDSDGSPLSNSQPSFPVEI LPFLYLGCARDSTNLDVLEEFGIKYLNVTPNLPNLFENAGEFKYKQIPISDHWSQNLSQFFPEAISFID EARGKNCGLVHCLAGISRSVTVVAYLMQKLNLSMNDAYDIVKMKKSNI PNFNFMGQLLDFERTLGLS SPCDNRVPTPQLYFTTPSNQNVYQVDSLQST
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	42.9 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_080544
Locus ID:	67603
UniProt ID:	Q9DBB1



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RefSeq Size: 2814

Cytogenetics: 10 D1

RefSeq ORF: 1143

Synonyms: 1300019I03Rik; MKP-3; MKP3; PYST1

Summary: Inactivates MAP kinases. Has a specificity for the ERK family (By similarity). Plays an important role in alleviating acute postoperative pain (PubMed:24155322, PubMed:28405172). Necessary for the normal dephosphorylation of the long-lasting phosphorylated forms of spinal MAPK1/3 and MAP kinase p38 induced by peripheral surgery, which drives the resolution of acute postoperative allodynia (PubMed:24155322). Also important for dephosphorylation of MAPK1/3 in local wound tissue, which further contributes to resolution of acute pain (PubMed:28405172).[UniProtKB/Swiss-Prot Function]