

Product datasheet for TP520464

Dusp12 (NM_023173) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dual specificity phosphatase 12 (Dusp12), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220464 representing NM_023173 Red=Cloning site Green=Tags(s)

MLEAQGSNHGKERQAPTASPASSAGHAVEVRPGLYLGGAAVAEPGHLREAGITAVLTVDSEPAFPAGAG
FEGRLRSLFVPALDKPETDLLSHLDRCVAFIQARSEGRAVLVHCHAGVSRVAVVMAFIMKTDQLTFEKA
YDILRTVKPEAKVNEGFQWLKLYEAMGYEVDTSFAFYKQYRLQKVTEKCPKLNLPQELFAVDPTTISQ
GLKDDILYKCRKCRSLFRHSSILGHSEGSPIAFAHKRTAPSSVLTGTSQAQCTSYFIEPVQWMESTLL
GVMDGQLLCPKCSAKLGSFNWYGEQCSCGRWITPAFQIHKNRVDEMMLPVLGVSQTKKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	37.6 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_075662
Locus ID:	80915
UniProt ID:	Q9D0T2 , Q4KL39



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RefSeq Size:	1413
Cytogenetics:	1 H3
RefSeq ORF:	1017
Synonyms:	1190004O14Rik; AA027408; AW049275; ENSMUSG00000045460; ESTM36; LMW-DSP4; mVH1; T-DSP4; VH1
Summary:	Dual specificity phosphatase; can dephosphorylate both phosphotyrosine and phosphoserine or phosphothreonine residues. Can dephosphorylate glucokinase (in vitro). Has phosphatase activity with the synthetic substrate 6,8-difluoro-4-methylumbelliferyl phosphate and other in vitro substrates.[UniProtKB/Swiss-Prot Function]