

Product datasheet for TP518320

Dusp13 (NM_013849) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dual specificity phosphatase 13 (Dusp13), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218320 representing NM_013849 Red =Cloning site Green =Tags(s)
	<p>MQAGQRPLQSALGIYLPKSLSQTPRCPSVRTLAPLGLCSLREEGRQRGNSRGDQEKCVLRLQLKRMDSLQ KQELRRPKIHGAVQVSPYQPPTLASLQRLWVRRATLTHINEVWPNLFLGDAYAARDKGRLIQLGITHV VNVAAGKFQVDTGAKFYRGTPLEYYGIEADDNPFDFLSVHFLPVARYIRDALNIPRSRVLVHCAMGVSRS ATIVLAFLMIFENMTLVDIAIQTVQAHRDICPNSGFLRQLQVLDNRLRRETGRL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	29.7 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_038877
Locus ID:	27389
UniProt ID:	Q9QYJ7 , Q7TNW3 , Q9DA25
RefSeq Size:	1071



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Cytogenetics: 14 A3

RefSeq ORF: 789

Synonyms: DUSP13A; DUSP13B; Gm1203; LMW-D; LMW-DSP6; MDSP; TMD; TMDP; TS-D; TS-DSP6

Summary: Members of the protein-tyrosine phosphatase superfamily cooperate with protein kinases to regulate cell proliferation and differentiation. This superfamily is separated into two families based on the substrate that is dephosphorylated. One family, the dual specificity phosphatases (DSPs) acts on both phosphotyrosine and phosphoserine/threonine residues. This gene encodes different but related DSP proteins through the use of non-overlapping open reading frames, alternate splicing, and presumed different transcription promoters. Expression of the distinct proteins from this gene has been found to be tissue specific and the proteins may be involved in postnatal development of specific tissues. A protein encoded by the upstream ORF was found in skeletal muscle, whereas the encoded protein from the downstream ORF was found only in testis. In humans, a similar pattern of expression was found. Multiple alternatively spliced transcript variants were described, but the full-length sequence of only some were determined. [provided by RefSeq, Jul 2008]