Product datasheet for TP514081

Dusp28 (NM_175118) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dual specificity phosphatase 28 (Dusp28), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR214081 protein sequence Red=Cloning site Green=Tags(s) MGTSEAAPPPFARVAPALFIGNARAAGATELLVRAGITLCVNVSRQQPGPRAPGVAELRVPVFDDPAEDL LTHLEPTCAAMEAAVRDGGSCLVYCKNGRSRSAAVCTAYLMRHRGHSLDRAFQMVKSARPVAEPNLGFWA QLQKYEQTLQAQAILPREPIDPE SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	17.5 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 -80ºC 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_780327
Locus ID:	67446

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UniProt ID:	Q8BTR5
RefSeq Size:	1491
Cytogenetics:	1 D
RefSeq ORF:	489
Synonyms:	0710001B24Rik; AV005521
Summary:	Has phosphatase activity with the synthetic substrate 6,8-difluoro-4-methylumbelliferyl phosphate (in vitro). Has almost no detectable activity with phosphotyrosine, even less activity with phosphothreonine and displays complete lack of activity with phosphoserine. The poor activity with phosphotyrosine may be due to steric hindrance by bulky amino acid sidechains that obstruct access to the active site.[UniProtKB/Swiss-Prot Function]