

Product datasheet for TP510199

Prep (NM_011156) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse prolyl endopeptidase (Prep), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210199 representing NM_011156 Red =Cloning site Green =Tags(s)

MLSFQYPDVYRDETSVQYEHGHKICDPYSWLEDPDSEQTKAFVEAQNKITVPFLEQCPHGLYKERMTEL
YDYPKYSCHFKKGKRYFYFYNTGLQNQRVLYVQDSLEGEARVFLDPNTLSDDGTVALRGYAFSEEDGEYFA
YGLSASGSDWVTIKFMKVDGAKELPDVLERVKFTCMAWTHDGKGMFYNSYPQQDGKSDGTETSTNLHQKL
CYHVLGTDQSEDILCAEFPDEPKWMGGAELSDDGRYVLLSIWEGCDPVNRLWYCDLQQEPNGITGILKWV
KLIDNFEGEYDYVTNEGTVFTFKTNRNSPNYRLINIDFTDPDESKWKVLVPEHEKDVLEWVACVRSNFLV
LCYLHDVKNILQLHDLTTGALLKTFPLDVGSVVGYSGRKKDSEIFYQFTSFLSPGVYHCDLTKEELEPM
VFREVTVKGIDAADYQTIQIFYPSKDGTKIPMFIVHKKGKILDGSHPAFLYGYGGFNISITPNYSVSRLI
FVRHMGVGLAVANIRGGGEYGETWHKGGILANKQNCFFDFQCAAELYKEGYTSPKRLTINGGSNGLLV
AACANQRPDVDFGCVIAQVGVMDMLKFHKTIGHAWTTDYGCSDTKQHFEWLLKYSPLHNVKLPEADDIQY
PSMLLLTADHDDRVPVPLHSLKFIATLQYIVGRSRKQSNPLLIHVDTKAGHGAGKPTAKVIEEVSDMFAFI
ARCLNIEWIQ

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	81.2 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.



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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_035286
Locus ID:	19072
UniProt ID:	Q9QUR6 , Q543B9
RefSeq Size:	2768
Cytogenetics:	10 23.27 cM
RefSeq ORF:	2130
Synonyms:	AI047692; AI450383; D10Wsu136e; PEP; Pop
Summary:	Cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long.[UniProtKB/Swiss-Prot Function]