

Product datasheet for TP510456

Mme (NM_008604) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse membrane metallo endopeptidase (Mme), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210456 representing NM_008604 Red =Cloning site Green =Tags(s)
	<p>MGRSESQMDITDINAPKPKKKQRWTPLEISLSVLVLLLIIAVTMIALYATYDDGICKSSDCIKSAARLI QNMDASVEPCTDFFKYACGGWLKRNVIPETSSRYSNFDILRDELEVILKDVLPKTEDIVAVQKAKTLY RSCINESAIDSRGGQPLLKLLPDIYGWPVASNWDQTYGTSWTAEKSIQNLNSKYGKKVLINFFVGTDDK NSTQHIIHFDQPRLGLPSRDYECTGIYKEACTAYVDFMISVARLIRQEQLPIDENQLSLEMNKVMELE KEIANATTKPEDRNDPMLLYNKMTLAKLQNNFSLEVNGKSFWSNFTNEIMSTVNINIQNEEEVVYAPE YLTKLPILTKYSPRDLQNLMSWRFIMDLVSSLSRNYKESRNAFRKALYGTTSETATWRRRCANYVNGNME NAVGRLYVEAAFAGESKHVVEDLIAQIREVFIQTLDDLWMDAETKKKAEEKALAIKERIGYPDDIISNE NKLNNEYELNYREDEYFENIIQNLKFSQSKQLKLLREKVDKDEWISGAAVVNAFYSSGRNQIVFPAGIL QPPFFSAQQSNLNYGGIGMVIGHEITHGFDDNGRNFNKGDLVDWWTQQSANNFKDQSQCMVYQYGNFS WDLAGGQHLNGINTLGENIADNGGIGQAYRAYQNYVKKNGEEKLLPGLDLNHKQLFFLNFAQVWCCTYRP EYAVNSIKTDVHSPGNFRIIGTLQNSAEFADAFHCRKNSYMNPERKCRVW</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	86.2 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_032630
Locus ID:	17380
UniProt ID:	Q61391
RefSeq Size:	4240
Cytogenetics:	3 29.97 cM
RefSeq ORF:	2250
Synonyms:	6030454K05Rik; C85356; CALLA; CD10; NEP; SFE
Summary:	Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids. Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond. Able to cleave angiotensin-1, angiotensin-2 and angiotensin 1-9. Involved in the degradation of atrial natriuretic factor (ANF) (By similarity). Displays UV-inducible elastase activity toward skin preelastic and elastic fibers (PubMed:20876573).[UniProtKB/Swiss-Prot Function]