

Product datasheet for TP503381

Gzma (NM_010370) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse granzyme A (Gzma), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203381 representing NM_010370 Red =Cloning site Green =Tags(s)
	<p>MRNASGPRGPSLATLLFLLIPEGGCERIIGGDTVPHSRPYMALLKLSNTICAGALIEKNWVLTAAHC NVGKRSKFILGAHSINKEPEQQILTVKKAFFPYPCYDEYTRGDLQLVRLKKKATVNRNVAILHLPKKGDD VKPGTRCRVAGWGRFGNKSAPSETLREVNITVIDRKICNDEKHYNFHPVIGLNMICAGDLRGGKDSKNGD SGSPLLCDGILRGITSFGGEKCGDRRWPGVYTFLSDKHLNWIKKIMKGSV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	29 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_034500
Locus ID:	14938
UniProt ID:	P11032 , Q3U0N0
RefSeq Size:	878



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Cytogenetics:	13 63.93 cM
RefSeq ORF:	780
Synonyms:	AW494114; Ctla-3; Ctla3; Hf; Hf1; SE1; TSP-1; TSP1
Summary:	<p>Abundant protease in the cytosolic granules of cytotoxic T-cells and NK-cells which activates caspase-independent cell death with morphological features of apoptosis when delivered into the target cell through the immunological synapse. It cleaves after Lys or Arg. Cleaves APEX1 after 'Lys-31' and destroys its oxidative repair activity. Cleaves the nucleosome assembly protein SET after 'Lys-189', which disrupts its nucleosome assembly activity and allows the SET complex to translocate into the nucleus to nick and degrade the DNA (By similarity). [UniProtKB/Swiss-Prot Function]</p>