

Product datasheet for TP525378

Cst3 (NM_009976) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cystatin C (Cst3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225378 representing NM_009976 Red =Cloning site Green =Tags(s)
	MASPLRSLLLFLLAVLAVAWAATPKQGPRMLGAPPEADANEEGVRRALDFAVSEYNKGSNDAYHSRAIQV RARKQLVAGVNYFLDVEMGRITCTKSQTNLTDCPFHDQPHLMRKALCSFQIYSVPWKGTHSLTKFESCKNA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	16 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_034106
Locus ID:	13010
UniProt ID:	P21460
RefSeq Size:	748
Cytogenetics:	2 73.6 cM
RefSeq ORF:	420



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Synonyms: Cys; CysC

Summary: The protein encoded by this gene is a cysteine protease inhibitor involved in neurodegenerative and cardiovascular processes. The encoded protein inhibits aggregation of beta-amyloid protein, a hallmark of Alzheimer's disease, so it may be useful as a therapeutic. This protein also may be a biomarker for atherosclerosis. [provided by RefSeq, Aug 2015]