antibodies

Datasheet for ABIN7519746 Cathepsin S Protein (CTSS) (His tag)



Overview

Quantity:	10 µg
Target:	Cathepsin S (CTSS)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Cathepsin S protein is labelled with His tag.
Product Details	

Purpose:	Active Recombinant Mouse Cathepsin S/CTSS Protein
Sequence:	VCSVAMEQLQ RDPTLDYHWD LWKKTHEKEY KDKNEEEVRR LIWEKNLKFI MIHNLEYSMG
	MHTYQVGMND MGDMTNEEIL CRMGALRIPR QSPKTVTFRS YSNRTLPDTV DWREKGCVTE
	VKYQGSCGAC WAFSAVGALE GQLKLKTGKL ISLSAQNLVD CSNEEKYGNK GCGGGYMTEA
	FQYIIDNGGI EADASYPYKA TDEKCHYNSK NRAATCSRYI QLPFGDEDAL KEAVATKGPV
	SVGIDASHSS FFFYKSGVYD DPSCTGNVNH GVLVVGYGTL DGKDYWLVKN SWGLNFGDQG
	YIRMARNNKN HCGIASYCSY PEI
Specificity:	Val18-Ile340
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/ μ g of the protein by LAL method.
	Macaured by its shifty to show the flyers remise restide substrate Mac DDV/DV/C. Nucl

Biological Activity Comment: Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPKPVE- Nval-

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Target Details

s, has many important
ss of extracellular matrix
expressed in the lysosome of
ophages. Cathepsin S is most
e invariant chain chaperone
y major histocompatibility
plecules. Cathepsin S also
for presentation by MHC
olecules to CD8+ T-cells. In
eases such as Alzheimer's
e mononuclear phagocytic
des
n of 0.1-0.5 mg/mL in sterile
n of 0.1-0.5 mg/mL in sterile long term storage, it is 5 % HSA, 10 % FBS or 5 %

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Handling	
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Buffer:	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.