

Recombinant Mouse Cathepsin S(Ctss)

Catalog No: #AP70214

Package Size: #AP70214-1 20ug #AP70214-2 100ug #AP70214-3 1mg

Description

Product Name	Recombinant Mouse Cathepsin S(Ctss)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:123-340aaSequence Info:Full Length
Accession No.	O70370
Calculated MW	27.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	LPDTVDWREKGCVTEVKYQGSCGACWAFSAVGALEGQLKLKTGKLISLSAQNLVDCSNEEKYGNKGCGGGY MTEAFQYIIDNGGIEADASYPYKATDEKCHYNSKNRAATCSRYIQLPFGDEDALKEAVATKGPVSVGIDASHSS FFFYKSGVYDDPSTGNVNHGVLVVGYGTLDGKDYWLVKNSWGLNFGDQGYIRMARNNKNHCGIASYCSYP EI
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Thiol protease. Key protease responsible for the roval of the invariant chain from MHC class II molecules. The bond-specificity of this proteinase is in part similar to the specificities of cathepsin L and cathepsin N.

References

Doh-ura K.Rommerskirch W. Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S. , Teague B., Potamouis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.