

Recombinant Mouse Cathepsin G(Ctsg)

Catalog No: #AP70207

Package Size: #AP70207-1 20ug #AP70207-2 100ug #AP70207-3 1mg

Description

Product Name	Recombinant Mouse Cathepsin G(Ctsg)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-261aaSequence Info:Full Length
Other Names	Vimentin-specific protease ;VSP
Accession No.	P28293
Calculated MW	42.9 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	IIGGREARPHSYPYMAFLLIQSPEGLSACGGFLVREDFVLTAHCLGSSINVTLGAHNIQMRERTQQLITVLRAI RHPDYNPQNIRNDIMLLQLRRRARRSGSVKPVALPQASKKLQPGDLCTVAGWGRVVSQSRGTNVLQEVQLRV QMDQMCANRFQFYNSQTQICVGNPRERKSAFRGDSGGPLVCSNVAQGIVSYGSNNGNPPAVFTKIQSFM PWIKRTMRRFAPRYQRPANSLSQAQT
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

This vimentin-specific protease may regulate the reorganization of vimentin filaments, occurring during cell differentiation, movement and mitosis.

References

Molecular cloning, chromosomal location, and tissue-specific expression of the murine cathepsin G gene.Heusel J.W., Scarpati E.M., Jenkins N.A., Gilbert D.J., Copeland N.G., Shapiro S.D., Ley T.J.Blood 81:1614-1623(1993)Research Topic:Others

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