

Cathepsin G Recombinant Protein | Ctsg recombinant protein

Recombinant Mouse Cathepsin G

CATALOG #
AAA15938

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

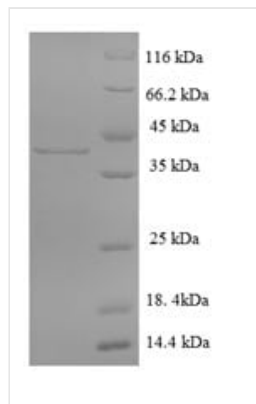
PRODUCT SYNONYMS

Cathepsin G; Recombinant Mouse Cathepsin G; Vimentin-specific protease; VSP; Ctsg recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-261aa; Full Length of Mature Protein
Sequence	IIGGREARPH SYPYMAFLLI QSPEGLSACG GFLVREDFVL TAAHCLGSSI NVTLGAHNIQ MRERTQQLIT VLRAIRHPDY NPQNIRNDIM LLQLRRRARR SGSVKPVALP QASKKLQPGD LCTVAGWGRV SQSRGTNVLQ EVQLRVQMDQ MCANRFQFYN SQTQICVGNP RERKSAFRGD SGGPLVCSNV AQGIVSYGSN NGNPPAVFTK IQSFMPWIKR TMRRFAPRYQ RPANLSQAQ T
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Ctsg recombinant protein	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) Kulmburg P., Baumruker T., Werner F., Huang R., Aveskogh M., Hellman L.T. Purification and characterization of a vimentin-specific protease in mouse myeloid leukemia cells. Regulation during differentiation and identity with cathepsin G. Nakamura N., Tsuru A., Hirayoshi K., Nagata K. Eur. J. Biochem. 205:947-954(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6681083
NCBI GeneID	13035
NCBI Accession #	NP_031826.1
NCBI GenBank Nucleotide #	NM_007800.2
UniProt Accession #	P28293
Molecular Weight	42.9 kDa
NCBI Official Full Name	cathepsin G preproprotein
NCBI Official Synonym Full Names	cathepsin G
NCBI Official Symbol	Ctsg
NCBI Official Synonym Symbols	VSP; CatG
NCBI Protein Information	cathepsin G
UniProt Protein Name	Cathepsin G
UniProt Gene Name	Ctsg
UniProt Synonym Gene Names	VSP
UniProt Entry Name	CATG_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ctsg-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/15938>