

Cathepsin S (CTSS) Recombinant Protein | CTSS recombinant protein

Recombinant Cathepsin S (CTSS)

CATALOG # AAA134644	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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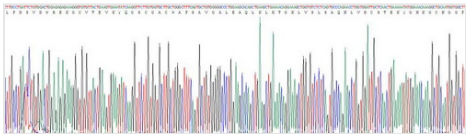
PRODUCT SYNONYMS

Cathepsin S (CTSS); Recombinant Cathepsin S (CTSS); CTSS recombinant protein

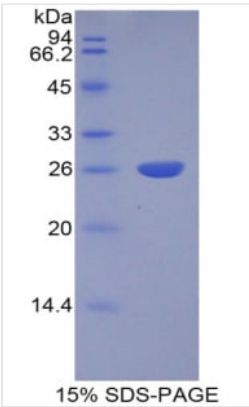
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GSEF-LP DSVDWREKGC VTEVKYQGSC GACWAFSAVG ALEAQLKLT GKLVSLSAQN LVDCSTEKYG NKG CNGGFMT TAFQYIIDNK GIDSDASYPY KAMDQKCQYD SKYRAATCSK YTELPYGRED VLKEAVANKG PVS VGVDARH PSFFLYRSGV YYEPSCTQNV NHGVLVVGYG DLNGKEYWLV KNSWGHNFGE EGYIRMARNK GNHCGIASFP SYPEI
Sequence Length	281
Applicable Applications for CTSS recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Leu115~Ile331 (Accession # P25774) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

LPDSVD WREKGCVTEV KYQGSCGACW AFSAVGALEA
QLKLKTGKLV SLSAQNLDVC STEKYGNKGC NGGFMTTAFQ YIIDNKGIDS
DASYPYKAMD QKCQYDSKYR AATCSKYTEL PYGREDVLKE AVANKGPVSV
GVDARHPSFF LYRSGVYYP SCTQNVNHGV LVVGYGDLNG KEYWLKNSW
GHNFGEEGYI RMARNKGNHC GIASFPSYPE I

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	315075311
NCBI GeneID	1520
NCBI Accession #	NP_001186668.1
NCBI GenBank Nucleotide #	NM_001199739.1
UniProt Accession #	P25774; Q5T5I0; Q6FHS5; Q9BUG3; B4DWC9; D3DV05
Molecular Weight	25.5kDa
NCBI Official Full Name	cathepsin S isoform 2 preproprotein
NCBI Official Synonym Full Names	cathepsin S
NCBI Official Symbol	CTSS
NCBI Protein Information	cathepsin S
UniProt Protein Name	Cathepsin S
UniProt Gene Name	CTSS
UniProt Entry Name	CATS_HUMAN

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/ctss-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134644>