

Cystatin B (CSTB) Recombinant Protein | CSTB recombinant protein

Recombinant Cystatin B (CSTB)

CATALOG # AAA134552	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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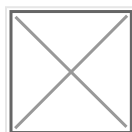
PRODUCT SYNONYMS

Cystatin B (CSTB); Recombinant Cystatin B (CSTB); CSTB recombinant protein

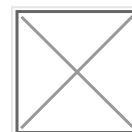
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHS GS-MMCG GTSATQPATA ETQAIADKVK SQLEEKENKK FPVFKALEFK SQLVAGKNYF IKVQVDEDDF VHIRVFESLP HENKPVALTS YQTNKGRHDE LTYF
Sequence Length	98
Applicable Applications for CSTB recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Bos taurus; Bovine (Cattle)
Expression System	Prokaryotic expression
Residues	Met1~Phe98 (Accession # P25417) 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 target protein. 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 and precipitation 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



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	82697343
NCBI GeneID	512805

NCBI Accession #	NP_001032538.1
NCBI GenBank Nucleotide #	NM_001037461.2
UniProt Accession #	P25417 ; Q32PC6
Molecular Weight	12.4kDa
NCBI Official Full Name	cystatin-B
NCBI Official Synonym Full Names	cystatin B (stefin B)<
NCBI Official Symbol	CSTB
NCBI Protein Information	cystatin-B; stefin-B
UniProt Protein Name	Cystatin-B
UniProt Gene Name	CSTB
UniProt Synonym Gene Names	CST6
UniProt Entry Name	CYTB_BOVIN

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/cstb-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134552>