

Calpain 5 (CAPN5) Recombinant Protein | CAPN5 recombinant protein

Recombinant Calpain 5 (CAPN5)

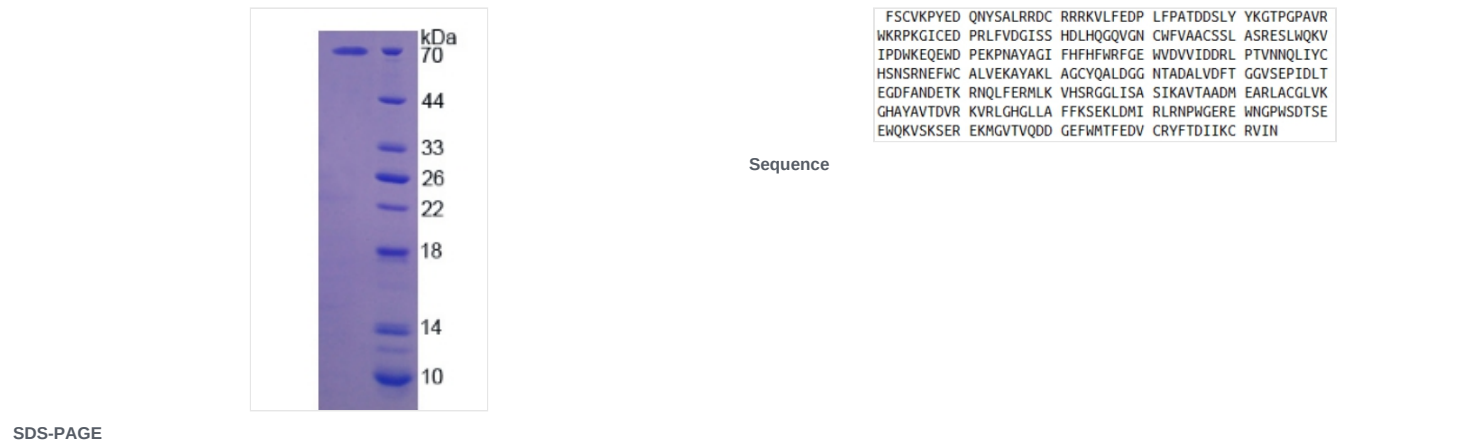
CATALOG # AAA147168	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Calpain 5 (CAPN5); Recombinant Calpain 5 (CAPN5); HTRA3; nCL3; Calpain htra-3; New calpain 3; CAPN5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder
Sequence Length	640
Applicable Applications for CAPN5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Phe2-Asn344
Tag	Two N-terminal Tags, His-tag and GST-tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Prokaryotic expression
Organism Species	Human
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.8
Usage	Reconstitute in PBS or others.
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. The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.



ADDITIONAL INFORMATION

Product Categories/Family for CAPN5 recombinant protein	Recombinant Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37577157
NCBI GeneID	726
NCBI Accession #	NP_004046.2
NCBI GenBank Nucleotide #	NM_004055.4
UniProt Accession #	O15484; O00263
Molecular Weight	69.4kDa
NCBI Official Full Name	calpain-5
NCBI Official Synonym Full Names	calpain 5
NCBI Official Symbol	CAPN5
NCBI Official Synonym Symbols	VRNI; ADNIV; HTRA3; nCL-3
NCBI Protein Information	calpain-5
UniProt Protein Name	Calpain-5
UniProt Gene Name	CAPN5
UniProt Synonym Gene Names	NCL3; nCL-3

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/capn5-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/147168>