

Datasheet for ABIN7552996  
**CAPN11 Protein (AA 1-739) (His tag)**



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CAPN11
Protein Characteristics:	AA 1-739
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAPN11 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CAPN11 Protein expressed in mammalian cells.
Sequence:	MLYSPGPSLP ESAESLDGSQ EDKPRGSCE PTFTDTGMVA HINNSRLKAK GVGQHDNAQN FGNQSFELR AACLRKGELF EDPLFPAEPS SLGFKDLGPN SKNVQNISWQ RPKDIINNPL FIMDGISPTD ICQGILGDCW LLAAIGSLTT CPKLLYRVVP RGQSFKKNYA GIFHFQIWQF GQWVNVVDD RLPTKNDKLV FVHSTERSEF WSALLEKAYA KLGSYSYALS GGSTMEGLED FTGGVAQSFQ LQRPPQNLLR LLRKAVERSS LMGCSIEVTS DSELESMTDK MLVRGHAYSV TGLQDVHYRG KMETLIRVRN PWGRIEWNGA WSDSAREWEE VASDIQMQLL HKTEDGEFWM SYQDFLNNFT LLEICNLTPD TLSGDYKSYW HTTFYEGSWR RGSSAGGCRN HPGTFWTNPQ FKISLPEGDD PEDDAEGNVV VCTCLVALMQ KNWRHARQQG AQLQTIGFVL YAVPKEFQNI QDVHLKKEFF TKYQDHGFSE IFTNSREVSS QLRLPPGEYI IIPSTFEPHR DADFLLRVFT EKHSESWELD EVNYAEQLQE EKVSEDDMDQ DFLHLFKIVA GEGKEIGVYE LQRLNRMAL KFKSFKTKGF GLDACRCMIN LMDKDGSGKL GLLEFKILWK KLKKWMDIFR ECDQDHSCTL

Product Details

NSYEMRLVIE KAGIKLNNKV MQVLVARYAD DDLIIDFDSF ISCFLRLKTM FTFFLTMDPK  
NTGHICLSLE QWLQMTMWG **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	CAPN11
Alternative Name:	CAPN11 ( <a href="#">CAPN11 Products</a> )
Background:	Calpain-11 (EC 3.4.22.-) (Calcium-activated neutral proteinase 11) (CANP 11),FUNCTION: Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction.
Molecular Weight:	84.4 kDa
UniProt:	<a href="#">Q9UMQ6</a>

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
--------------------	---

Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months