

Datasheet for ABIN7557938

CAPN11 Protein (AA 1-714) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CAPN11
Protein Characteristics:	AA 1-714
Origin:	Mouse
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:	MLNYSDISWA EKG MVATINH SRLKDKGVGQ HQNAYNYKNQ NYEDLRAECL RKGELFEDPF FPAEPRSIGV KNLGPNSEHM QNIYWQRPKD IIHNPQFITN DFSPTDICQG ILGDCWLLAA IGSLTTCPKL LYRVVPRNQS FKKNYAGIFH FQLWQFGHWL NVVVDDRLPT RNNKLVFVHA SHRQDFWSAL LEKAYAKLIG SYGALSGGST LEGLEDFTGG VAQCIPLQKP PGNMLRLLKK ALEKSSLMGC SIEVTDNSEV ETMTHNMLVR GHAYAVTGLE DVYYRDKLET LIRIQNPWGR VEWNGAWSKD ATEWEEVSPD VRVQLLHKKD DGDFWMSYED FMSNFTLLEI CNLTPDALNT WDYKSRWHST FYEGSWRRGS TAGGCRNHPE TFWSNPQFKI SLPEVDDPED DSEKNEMVCT CLVALMQKNW RHAREGPQLL TIGFVIFSVP KEFQNL RDIH LKKDFFLKYR DHGFSEIFIN SREVNSHLRL PPGEYVIIPS TYEPHKDAF LLRVFTEKHS ETWLLDDANR FEHLQEETVT DKDLKDSLQ LFKIMANEDG EVD MYALHKL LNRMTAKLRN FKTKGFSLEV CRRMINLLDK DGSGKLELHE FQVLWKKIKK WTEIFKECDE DRSGNLNSYE MRLAIEKAGI KMNNRVTEVV

Product Details

VARYSDNMIV DFDSFLNCFL RLKAMFAFFL SMDTKKTGSI CLDINQWLQI TMWG **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:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). 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. If you are not interested in a full length protein, please contact us for individual protein fragments. 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.
------------------	---

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	CAPN11
Alternative Name:	Capn11 (CAPN11 Products)
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. {ECO:0000250 UniProtKB:Q9UMQ6}.
Molecular Weight:	83.0 kDa
UniProt:	Q6J756

Application Details

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