

Datasheet for ABIN7552799

Calpain 14 Protein (CAPN14) (AA 1-684) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Calpain 14 (CAPN14)
Protein Characteristics:	AA 1-684
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calpain 14 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CAPN14 Protein expressed in mammalian cells.
Sequence:	MSLWPPFRCR WKLAPRYSRR ASPQQPQQDF EALLAECLRN GCLFEDTSFP ATLSSIGSGS LLQKLPPRLQ WKRPPPELHSN PQFYFAKAKR LDLCQGIVGD CWFLAALQAL ALHQDILSRV VPLNQSFTEK YAGIFRFWFH HYGNWVPPVI DDRLPVNEAG QLVFVSSTYK NLFWGALLEK AYAKLSGSYE DLQSGQVSEA LVDFTGGVTM TINLAEAHGN LWDILIEATY NRTLIGCQTH SGEKILENGL VEGHAYTLTG IRKVTCKHRP EYLVKLRNPW GKVEWKGDWS DSSSKWELLS PKEKILLLRK DNDGEFWMTL QDFKTHFVLL VICKLTPGLL SQEAAQKWTY TMREGRWEKR STAGGQRQLL QDTFWKNPQF LLSVWRPEEG RRSLRPCSVL VSLLQKPRHR CRKRKPLLAI GFYLYRMNKY HDDQRRLPPE FFQRNTPLSQ PDRFLKEKEV SQELCLEPGT YLIVPCILEA HQKSEFVLRV FSRKHIFYEI GNSNGVFSK EIEDQNERQD EFFTFFFEKH PEINAVQLQN LLNQMTWSSL GSRQPFFSLE ACQGILALLD LNASGTMSIQ EFRDLWKQLK LSQKVFHKQD RGSGLNWEQ LHAAMREAGI MLSDDDVCQLM LIRYGGPRLQ MDFVFSFIHLM LRVENMEDVF QNLTQDGKGI YLQKPEWMMM ALYS Sequence without tag. The proposed Purification-Tag is

Product Details

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.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: Calpain 14 (CAPN14)

Alternative Name: CAPN14 ([CAPN14 Products](#))

Background: Calpain-14 (EC 3.4.22.-) (Calcium-activated neutral proteinase 14) (CANP 14),FUNCTION: Calcium-regulated non-lysosomal thiol-protease. {ECO:0000250}.

Molecular Weight: 79.6 kDa

UniProt: [A8MX76](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
