

Datasheet for ABIN7552798
CAPN12 Protein (AA 1-719) (His tag)



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Overview

Quantity:	1 mg
Target:	CAPN12
Protein Characteristics:	AA 1-719
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAPN12 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CAPN12 Protein expressed in mammalian cells.
Sequence:	MASSSGRVTI QLVDEEAGVG AGRLQLFRGQ SYEAIRACL DSGILFRDPY FPAGPDALGY DQLGPDSEKA KGVKWMRPHE FCAEPKFICE DMSRTDVCQG SLGNCWFLAA AASLTLYPRL LRRVPPGQD FQHGYAGVFH FQLWQFGRWM DVVVDDRLPV REGKLMFVRS EQRNEFWAPL LEKAYAKLHG SYEVMRGGHM NEAFVDFTGG VGEVLYLRQN SMGLFSALRH ALAKESLVGA TALSDRGEYR TEEGLVKGHA YSITGTHKVF LGFTKVRLLR LRNPWGCVEW TGAWSDSCPR WDTLPTECRD ALLVKKEDGE FWMELRDFLL HFDTVQICSL SPEVLGSPSE GGGWHVHTFQ GRWVRGFNSG GSQPNAETFW TNPQFRLTLL EPDEEDEDE EGPWGGWGAA GARGPARGGR TPKCTVLLSL IQRNRRRLRA KGLTYLTVGF HVFQIPEELL GLWDSPRSHA LLPRLLRADR SPLSARRDVT RRCCLRPGHY LVVPSTAHAG DEADFTLRVF SERRHTAVEI DDVISADLQS LQGPYLPLEL GLEQLFQELA GEEEEELNASQ LQALLSIALE PARAHTSTPR EIGLRTCEQL LQCFGHGQSL ALHHFQQLWG YLLEWQAIFN KFDEDTSGTM NSYELRLALN AAGFHLNNQL

Product Details

TQTLTSRYRD SRLRVDFERF VSCVAHLTCI FCHCSQHLDG GEGVICLTHR QWMEVATFS

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:

CAPN12

Alternative Name:

CAPN12 ([CAPN12 Products](#))

Background:

Calpain-12 (EC 3.4.22.-) (Calcium-activated neutral proteinase 12) (CANP 12),FUNCTION: Calcium-regulated non-lysosomal thiol-protease. {ECO:0000250}.

Molecular Weight:

81.0 kDa

UniProt:

[Q6ZSI9](#)

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

Application Details

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