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Datasheet for ABIN7565115

Calpain 15/SOLH Protein (AA 1-1095) (His tag)

Overview

Quantity:	1 mg
Target:	Calpain 15/SOLH (SOLH)
Protein Characteristics:	AA 1-1095
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calpain 15/SOLH protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Capn15 Protein expressed in mammalien cells.
Sequence:	MATVGEWSCA RCTFLNPAGQ RQCSICEAPR HKPDLQILR LSVEEQKWPC ARCTFRNFLG KEACEVCGFT PEPVPGAPLL PIINGVLPKP PTILVEPKGS GKEEAGPVRT AGLVATEPAR GRPEGEEERE ERGEEEEKEQ EGEGERAEPG SGWACQRCTL HNTPVASSCS ACGGPRKLSL PRIPPEALVV PEVVAPTGFH VVPAPSQVPL PGEGAEADSP STSQGPTSTD QEPPRVPLFS PFSPTLQNNP VPRSRREVPP QLQPPVPEAV QSSASTSSKG PQQGPGRAAA GASRLAELLS GKELLPGKRL SVLEEEVPES SPARCESCSD VIDLAGDIVR YTPASPSSPD FTTWSCARCT LRNPTTAPRC SVCGGSKLHG FQEHSEPPTH CPDCGANKPG PCVGS CGRAP SAHKAVRLLP DRPGQWACPA CTLINTPRAK HCAACHTPQL LVTQCRGATP LRRRESMHVE KRRQTDEGEA KALWENIVAF CRENSVNFVD DSFPPGPASV GFPVGDVSVQQ RVKQWLRPHE INCSVFRDHG TPWSVFHTLR PSDILQGLLG NCWFLSALAV LAERPDLVER VMVTRSLCAE GAYQVRLCKD GTWTTVLVDD MLPCDEAGFL LFSQAQRKQL WVALIEKALA KLHG SYFALQ AGRAIEGLAT

Product Details

LTGAPCESLA LQVSSTNPRE EPVDTDLIWA KMLSSKEAGF LMGASCGGN MKVDDAAYES
LGLRPRHAYS VLDVRDVQGS RLLRLRNPWG RFSWNGSWSD EWPHWPGHLR AELMPHGSSE
GVFWMEYSDF IRYFDSVDIC KVHSDWQEAR VQGCFPSTAG GPVGVLTALTV LERASLEFAL
FQEGSRSDS VDSHLLDLCI LVFRATFGTG GRSLGRLLA HSKRAVKKFV NCDVMLEPGE
YAVVCCAFNH WNPAPPGPPA QASSPSAGVP RGAPEPPGHV LAVYSSRLVM VEPVEAQPTT
LADAILLTE SRGERHEGRE GMTCYYLTHG WAGLIVVVEN RHPKSYLHVQ CDCTDSFNVV
STRGSLRTQD SVPPLHRQVL VILSQLEGNA GFSITHRLAH RKAAQAFSLD WTASRGTHSP
PLTPDVAGLH GPRPL **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: Calpain 15/SOLH (SOLH)

Alternative Name: Capn15 ([SOLH Products](#))

Background: Calpain-15 (EC 3.4.22.-) (Small optic lobes homolog)

Molecular Weight: 118.7 kDa

Target Details

UniProt: [Q9JLG8](#)

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