

Datasheet for ABIN7552835

CAPN13 Protein (AA 1-669) (His tag)



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Overview

Quantity:	1 mg
Target:	CAPN13
Protein Characteristics:	AA 1-669
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAPN13 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CAPN13 Protein expressed in mammalian cells.
Sequence:	<p>MAYYQEPSVE TSIKFKDQD FTTLRDHCLS MGRTFKDET F PAADSSIGQK LLQEKRLSNV</p> <p>IWKRPQDLPG GPPHFILDDI SRFDIQGGA ADCWFLAALG SLTQNPQYRQ KILMVQSFSH</p> <p>QYAGIFRFRF WQCGQWVEVV IDDRLPVQGD KCLFVRPRHQ NQEFWPCLLE KAYAKLLGSY</p> <p>SDLHYGFLED ALVDLTGGVI TNIHLHSSPV DLVKAVKTAT KAGSLITCAT PSGPTDTAQA</p> <p>MENGLVSLHA YTVTGAEEIQ YRRGWEEIIS LWNPWGWGEA EWRGRWSDGS QEWEETCDPR</p> <p>KSQLHKKRED GEFWMSCQDF QQKFIAMFIC SEIPITLDHG NTLHEGWSQI MFRKQVILGN</p> <p>TAGGPRNDAQ FNFSVQEPME GTNVVVCVTV AVTPSNLKAE DAKFPLDFQV ILAGSQRFRE</p> <p>KFPPVFFSSF RNTVQSSNNK FRRNFTMTYH LSPGNVYVVA QTRRKSAEFL LRIFLKMPDS</p> <p>DRHLSSHFN LRMKGSPSEHG SQQSIFNRYA QQRDIDATQ LQGLLNQELL TGPPGDMFSL</p> <p>DECRSLVALM ELKVNGRLDQ EEFARLWKRL VHYQHVFQKV QTPSPGVLLSS DLWKAIENTD</p> <p>FLRGIFISRE LLHLVTLRYS DSVGRVSFPS LVCFLMRLEA MAKTFRNLSK DGKGLYLTEM</p>

EWMSLVMYN **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">• 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). <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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	CAPN13
Alternative Name:	CAPN13 (CAPN13 Products)
Background:	Calpain-13 (EC 3.4.22.-) (Calcium-activated neutral proteinase 13) (CANP 13),FUNCTION: Probable non-lysosomal thiol-protease. {ECO:0000250}.
Molecular Weight:	76.7 kDa
UniProt:	Q6MZZ7

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.
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Application Details

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