

Datasheet for ABIN7558898

## Calcyphosine 2 Protein (CAPS2) (AA 1-550) (His tag)



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### Overview

Quantity:	1 mg
Target:	Calcyphosine 2 (CAPS2)
Protein Characteristics:	AA 1-550
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calcyphosine 2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Caps2 Protein expressed in mammalian cells.
Sequence:	<p>MVPPLDLGSL VDSDEEDNFS QTARGETVHVH LNPPRSEPAL GWVLPCQRPN SQHRLQEVEQ</p> <p>DVIPEDLPAP TGKYRLKYQQ YASEMKDGYK QYIQRSTKPK KAASRPEATE KVEGASLDDL</p> <p>MTLDRKALLQ QGYADSPYGR QSITRKSDVE TVAIEKKKQT VAEQMMMDHL SRAVISDPEQ</p> <p>DLNTKNQESS RVPPDSERAP LRVRRRTLHE TKIRTNSALT ENDLSQKVEF DGRVLSRNGR</p> <p>DACRELIGFF FAHDQSLTVY EYRMFGKNRT SVLPFIKKDI YHHQCGRKRG KQYELGDVYT</p> <p>GATLTFLSCD QPSLPKTIKE NALLRLRITN IDQVALNSLK AASAEHGEEE AVSPEAHDQL</p> <p>VLQAIQDKLK EQLHKKGARI LTGLGRYFQG LDKEGNLLE KADFQALKT FHLEVSEQDF</p> <p>ESFWLILQGY GHSKNKVDYG EFKRAIFGEM NEYRKSFVRK AFMQLDFNKT GIVSVDIRK</p> <p>CYCAKKHPRV ISGHSTEEI KSSFLETLLG TCSKCDEVSF GEFEDYYEGL SIGVAGDEDF</p> <p>VNLRIPWRI <b>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</b></p>

## Product Details

**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:

Calcyphosine 2 (CAPS2)

### Alternative Name:

Caps2 ([CAPS2 Products](#))

### Background:

Calcyphosin-2 (Calcyphosine-2)

### Molecular Weight:

62.7 kDa

### UniProt:

[Q8BUG5](#)

## 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