

Datasheet for ABIN7552899
CASS4 Protein (AA 1-786) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CASS4
Protein Characteristics:	AA 1-786
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CASS4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CASS4 Protein expressed in mammalian cells.
Sequence:	MKGTGIMDCA PKALLARALY DNCPCDSEDEL AFSRGDILTI LEQHVPESSEG WWKCLLHGRQ GLAPANRLQI LTEVAADRPC PPFLRGLLEEA PASSEETYQV PTLPRPPTPG PVYEQMRSWA EGPQPPTAQV YEFDPPTSA RIICEKTLSE PKQAILTLPR PVRASLPTLP SQVYDVPTQH RGPVVLKEPE KQQLYDIPAS PKKAGLHPPD SQASGQGVPL ISVTTLRRGG YSTLPNPQKS EWIYDTPVSP GKASVRNTPL TSFAEESRPH ALPSSSSTFY NPPSGRSRSL TPQLNNNVPM QKKLSLPEIP SYGFLVPRGT FPLDEDVSYK VPSSFLIPRV EQQNTKPNIIY DIPKATSSVS QAGKELEKAK EVSENSAGHN SSWFSRRTTS PSPEPDRLSG SSSDSRASIV SSCSTTSTDD SSSSSSEESA KELSLLDVA KETVMALQHK VVSSVAGLML FVSRKWFRD YLEANIDAIH RSTDHIEESV REFLDFARGV HGTACNLTDN NLQNRIRDQM QTISNSYRIL LETKESLDNR NWPLEVLTVD SVQNSPDDLE RFVMVARMPL EDIKRFASIV IANGRLLFKR NCEKEETVQL TPNAEFKCEK YIQPPQRETE SHQKSTPSTK QREDEHSEL LKKNRANICG QNPGPLIPQP

Product Details

SSQQTPERKP RLSEHCRLYF GALFKAISAF HGSLSSSQPA EIITQSKLVI MVGQKLVDL
CMETQERDVR NEILRGSSHL CSLLKDVALA TKNAVLTYPS PAALGHLQAE AEKLEQHTRQ
FRGTLG **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:

CASS4

Alternative Name:

CASS4 ([CASS4 Products](#))

Background:

Cas scaffolding protein family member 4 (HEF-like protein) (HEF1-EFS-p130Cas-like protein) (HEPL),FUNCTION: Docking protein that plays a role in tyrosine kinase-based signaling related to cell adhesion and cell spreading. Regulates PTK2/FAK1 activity, focal adhesion integrity, and cell spreading. {ECO:0000269|PubMed:18256281}.

Molecular Weight:

87.1 kDa

UniProt:

[Q9NQ75](#)

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
