

Datasheet for ABIN7556637

Cytohesin 2 Protein (CYTH2) (AA 1-400) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Cytohesin 2 (CYTH2)
Protein Characteristics:	AA 1-400
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytohesin 2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cyth2 Protein expressed in mammalian cells.
Sequence:	MEDGVYEPPD LTPEERMELE NIRRRKQELL VEIQLREEL SEAMSEVEGL EANEGSKTLQ RNRKMAMGRK KFNMDPKKGI QFLVEHELLQ NTPEEIARFL YKGEGLNKTA IGDYLGREEE LNLSVLHAFV DLHEFTDLNL VQALRQFLWS FRLPGEAQKI DRMMEAFQR YCLCNPGVFQ STDTCYVLSF AVIMLNTSLH NPNVRDKPGL ERFVAMNRGI NEGGDLPEDL LRNLVDSIRN EPFKIPEDDG NDLTHTFFNP DREGWLLKLG GGRVKTWKRR WFILTDNCLY YFEYTTDKEP RGIIPLENLS IREVDPRKP NCFELYIPNN KGQLIKACKT EADGRVVEGN HMYRISAPT QEEKDEWIKS IQAAVSVDPF YEMLAARKKR ISVKKKQEQP 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

Cytohesin 2 (CYTH2)

Alternative Name:

Cyth2 ([CYTH2 Products](#))

Background:

Cytohesin-2 (ARF nucleotide-binding site opener) (Protein ARNO) (PH, SEC7 and coiled-coil domain-containing protein 2) (CLM2) (SEC7 homolog B) (mSec7-2),FUNCTION: Acts as a guanine-nucleotide exchange factor (GEF). Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Activates ARF factors through replacement of GDP with GTP (PubMed:18042453). The cell membrane form, in association with ARL4 proteins, recruits ARF6 to the plasma membrane (By similarity). Involved in neurite growth (PubMed:25326380). {ECO:0000250|UniProtKB:Q99418, ECO:0000269|PubMed:18042453, ECO:0000269|PubMed:25326380}.

Molecular Weight:

46.6 kDa

UniProt:

[P63034](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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
