

Datasheet for ABIN7547424
CLINT1 Protein (AA 1-625) (His tag)



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Overview

Quantity:	1 mg
Target:	CLINT1
Protein Characteristics:	AA 1-625
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLINT1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CLINT1 Protein expressed in mammalian cells.
Sequence:	MLNMWKVREL VDKATNVVMN YSEIESKVRE ATNDDPWGPS GQLMGEIACA TFMYEQFPEL MNMLWSRMLK DNKKNWRRVY KSLLLLAYLI RINGSERVVTS AREHIYDLRS LENYHFVDEH GKDQGINIRQ KVKELVEFAQ DDDRLREERK KAKKNKDKYV GVSSDSVGGF RYSERYDPEP KSKWDEEWDK NKSAPFSDK LGELSDKIGS TIDDTISKFR RKDREDSPER CSDSDEEKKA RRGRSPKGEF KDEEETVTTK HIHITQATET TTTRHKRTAN PSKTIDLGAA AHYTGDKASP DQNASTHTPQ SSVKTSVPSS KSSGDLVDF DGTSQSTGGS ADLFGGFADF GSAASGSFP SQVTATSGNG DFGDWSAFNQ APSGPVASSG EFFGSASQPA VELVSGSQSA LGPPPAASNS SDLFDLMGSS QATMTSSQSM NFSMMSTNTV GLGLPMSRSQ NTDMVQKSVS KTLPSTWSDP SVNISLDNLL PGMQPSKPQQ PSLNTMIQQQ NMQQPMNVMT QSFQAVNLSS PSNMLPVRPQ TNALIGGPMP MSMPNVMTGT MGMAPLGNTP MMNQSMGMN MNIGMSAAGM GLTGTMGGM PNIAMTSGTV QPKQDAFANF ANFSK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

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.

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: CLINT1

Alternative Name: CLINT1 ([CLINT1 Products](#))

Background: Clathrin interactor 1 (Clathrin-interacting protein localized in the trans-Golgi region) (Clint) (Enthoprotin) (Epsin-4) (Epsin-related protein) (EpsinR),FUNCTION: Binds to membranes enriched in phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2). May have a role in transport via clathrin-coated vesicles from the trans-Golgi network to endosomes. Stimulates clathrin assembly. {ECO:0000269|PubMed:12429846, ECO:0000269|PubMed:12538641}.

Molecular Weight: 68.3 kDa

UniProt: [Q14677](#)

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
