

Datasheet for ABIN7553522
CLUH Protein (AA 1-1309) (His tag)



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Overview

Quantity:	1 mg
Target:	CLUH
Protein Characteristics:	AA 1-1309
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLUH protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CLUH Protein expressed in mammalian cells.
Sequence:	MLLNGDCPES LKKEAAAAEP PRENGLDEAG PGDETTGQEV IVIQDTGFSV KILAPGIEPF SLQVSPQEMV QEIHQVLMR EDTCHRTCFS LHLDGNVLDH FSELRSVEGL QEGSVLRWE EPYTVREARI HVRHVRDLLK SLDPDAFNG VDCNSLSFLS VFTDGDLDGS GKRKKGLEMD PIDCTPPEYI LPGSRERPLC PLQPQNRDWK PLQCLKVLTM SGWNPPPGNR KMHGDLMYLF VITAEDRQVS ITASTRGFYL NQSTAYHFNP KPASPRFLSH SLVELLNQIS PTFKKNFAVL QKKRVQRHPF ERIATPFQVY SWTAPQAEHA MDCVRAEDAY TSRLGYEEHI PGQTRDWNEE LQTTRELPRK NLPERLLRER AIFKVHSDFT AAATRGAMAV IDGNVMAINP SEETKMQMFI WNNIFFSLGF DVRDHYKDFG GDVAAYVAPT NDLNGVRTYN AVDVEGLYTL GTVVVDYRGY RVTAQSIIPG ILERDQEQSV IYGSIDFGKT VVSHPRYLEL LERTSRPLKI LRHQVLNDRD EEVELCSSVE CKGIIGNDGR HYILDLLRTF PPDNLNPLVP GEELPEECAR AGFPRAHRHK LCCLRQELVD AFVEHRYLLF MKLAALQLMQ QNASQLETPS SLENGGPSSL ESKSEDPPGQ EAGSEEEGSS ASGLAKVKEL AETIAADDGT DPRSREVIRN ACKAVGSISS TAFDIRFNPD

IFSPGVRFP E SCQDEV RDQK QLLKDAAAFL LSCQIPGLVK DCMEHAVLPV DGATLAEV MR
QRGINMRYLG KVLELVLRSP ARHQLDHVFK IGIGELITRS AKHIFKTYLQ GVLSGLSAA
ISHFLNCFLS SYPNPVAHLP ADELVSKKRN KRRKRNPPGA ADNTAWAVMT PQELWKNICQ
EAKNYDFDFL ECETVDQAVE TYGLQKITLL REISLKTGIQ VLLKEYSFDS RHKPAFTEED
VLNIFPVVKH VNPKASDAFH FFQSGQAKVQ QGFLKEGCEL INEALNLFNN VYGAMHVETC
ACLRLLARLH YIMGDYAEAL SNQKAVLMS ERVMGTEHPN TIQEYMH LAL YCFASSQLST
ALSLLYRARY LMLLVFGEDH PEMALLDNNI GLVLHGVM EY DLSLRFL ENA LAVSTKYHGP
KALKVALSHH LVARVYESKA EFRSALQHEK EGYTIYKTQL GEDHEKTKES SEYKCLTQQ
AVALQRTMNE IYRNGSSANI PPLKFTAPSM ASVLEQLNVI NGILFIPLSQ KDLENLKA EV
ARRHQLQEAS RNRDRAE EPM ATEPAPAGAP GDLGSQPPAA KDPSPSVQG **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.

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:	CLUH
Alternative Name:	CLUH (CLUH Products)
Background:	Clustered mitochondria protein homolog,FUNCTION: mRNA-binding protein involved in proper cytoplasmic distribution of mitochondria. Specifically binds mRNAs of nuclear-encoded mitochondrial proteins in the cytoplasm and regulates transport or translation of these transcripts close to mitochondria, playing a role in mitochondrial biogenesis. {ECO:0000255 HAMAP-Rule:MF_03013, ECO:0000269 PubMed:25349259}.
Molecular Weight:	146.7 kDa
UniProt:	O75153

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