

Datasheet for ABIN7563845
CLUH Protein (AA 1-1315) (His tag)



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Overview

Quantity:	1 mg
Target:	CLUH
Protein Characteristics:	AA 1-1315
Origin:	Mouse
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:	MLLNGDCSEN LKKEEGTSEP PRENGLDEGE PGDETTGQEV IVIQDTGFSV KILAPGIEPF SLQVSPQEMV QEIHQVLM DR EDTCHRTCFS LHL DGNMLDH FSELRSVEGL QEGSVLRVVE EPYTVREARI HVRHVRDLLK SLDP SDAFNG VDCNSLSFLS VFTDGD LGDS GKRKKGLEMD PIDCTPPEYI LPGSRERPLC PLQPQNRDWK PLQCLKVLT M SGWNPPPGNR KMHGDLMYLF VITAEDRQVS ITASTRGFY L 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 LRHRVLNDRD EEVELCSSVE CKGIIGNDGR HYILDLLRTF PPD LNFLPVP GEELPEECSR AGFPRTHRHK LCCLRQELVD AFVEHRYLLF MKLAALQLMQ QKASKVETTT SLENGGLPSS AETKSEDSIG PEAGCEEEGS SVSGLAKVKE LAETIASDDG TVDPRSREVI RNACKAVGSI SSTA FDIRFN

PDIFSPGVRF PESQCDEV RD QKQLLKDAAA FLLSCQIPGL VKDCTEYAVL PMDGATLAEV
MRQRGINMRY LGKVLDLVLR SPARDQLDHI YKIGIGELIT RSAKHIFKTY LQGVELSGLS
AAISHFLNCF LSSYPNPVAH LPADELLSKK RNKRRKNRPP GAADNTAWAV MTPQELWKNI
CHEAKNYFDF TLECDSVDQA VETYGLQKIT LLREISLKTG IQILLKEYSF DSRHKPAFTE
EDVLNIFPVV KHVNPKASDA FFFFQSGQAK VQQGFLKEGC ELINEALNLF NNVYGAMHVE
ICACLRLLAR LHYIMGDYAE ALSNQQKAVL MSERVMGIEH PNTIQEYMHL ALYCFASSQL
STALSLLYRA RYLMMLLVFGE DHPPEMALLDN NIGLVLHGVM EYDLSLRFLE NALAVTTKYH
GPKALKVALS HHLVARVYES KAEFRSALQH EKEGYTIYKT QLGEDHEKTK ESSEYLKCLT
QQAVALQRTM NEIYRNGSSA NIPPLKFTAP SMTSVLEQLN VINGILFIPL SQKDLENLKA
EVARRHQLQE ANRNRDKAAE QPMAPEPEPE PERAVEDMGS PQTAKGESS LNLQG **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}.
Molecular Weight:	148.1 kDa
UniProt:	Q5SW19

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