

Datasheet for ABIN7553488
C10ORF71 Protein (AA 1-1435) (His tag)



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Overview

Quantity:	1 mg
Target:	C10ORF71
Protein Characteristics:	AA 1-1435
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C10ORF71 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CEFIP Protein expressed in mammalian cells.
Sequence:	MMQGNKKCTD AFSDSSSIGS VLDDADREVS SLTDRAFRSL CISEDTSFHD SYLAVSPDIT RQVFGTFHQR TVGHTQRKSG IWSQLPSQGT EHSQWAATFQ QLPKYVQGEE KYPKTSPPPT PVQRRLEVPV SGLRSSNKPV SKVSTLIKSF DRTEQRCE RPTASKPPAL KNPPKFAPLP ENSVNFCFDS AFLTVRRVPA EVSNTHQNSY QPGRKHGEQE SSKNPEMACH GSSSFLPAAN DTATLCESKF PSPHHKPVTV EPGRGKGTFL HSENSAFESW NAHQPKLLER KDTAGTVPE KAPKHYGDTT LLREPCPPER TVSPCQVQAS CSQEENRLAA GALSTSIPWG CRDPGAQVFA VEGKAPSSQP DSQEKPAQPP WRKPKTGKKG KESLQDTLEE KTQTNQRGPP LYTKHNPQEQ FSENNALDLP VEPNEHYDPP FNISKLLTPI IPSKHALDSA DSQPAERTPS PPGQLNGYQE KEPSECQSRD SYKSKAPSL FNLKDVRKRV KSTYSSSPLL KVLDEKTRGK VDGKQEPVSN GVILPNGLEE SPPNELSKER PADDPTASHI NPQKDPTADP SEPSADSYLT LSTAPTIAKA PFYVNGEAAE RSSYENKEVE GELEMGPAGS SWCPDSREHR PRKHLSLRLC NRDPEPGGAT EKMKTHQLEN GLSRVSQET EPEREAGLQN THLNQKFFPG PLSPEEEDVF YSDSQSDFMP

SLKGGKAKFST SSSDQSFASF DDQQKMWFTE NQREDRRKDV SAGDSQKDEK ENVMRKDELQ
YCALSNGHAC LENRSQGEAL QRERESVSGG RTRKASAEAA NFRGSGWIGEN KGTTFSQAKD
LTPSPSSASN RHMLFTIKDN TLRATPVIKP IMLPLLRTMS LEDSLSSGHK EEELPRPEWG
EDPGFCAPEN QDILGTSTPT NTRGTRVKCM ANEVMEDEPGQ GSSMARMEAS QPAPKGNFPS
MPLVGEGDRV KAPPDAAPGL VASNCKSGSA DSGKLAAPWH IPTIALPEGD IEDQPPPWQP
ENCWEEQTPG FKSHFLSTPR AGPPGRRLLVP SERANSPNPG SPGESSACSP AASNIWEESS
QAPGGPELLP EEPNQASPWA SSSPARVTRR EDLTHALVWE GGSDPILLELS AEDLRTLSPR
GSLLDVATSP AGTSGRLELP AQLERTASKP PAVPPKTEKA LRRAKKLASK RRKTDQAQEK
HGSEQEGKPC PEDLEQTQQR PLCPRERPRH NFPVVRSLPP PVHRHSVSGF SEPVGRRRPGG
PQSLTLPAY PATQKVLQDP QSGEYFVFDL PLQVKIKTFY DPETGKYVKV SIPSSEGASP
EPPPPDALAA PYVLYPGFQP VPVTALMPLR CSSQLSAPTF LRQGPRASAA RARTQSVHES
GLQLDPGPHG DCTPHSAGQR PHGPPQSPGE EGVEAPGLGI ISTDDLEDFA TEGIS **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:	C10ORF71
Alternative Name:	CEFIP (C10ORF71 Products)
Background:	Cardiac-enriched FHL2-interacting protein,FUNCTION: Plays an important role in cardiomyocyte hypertrophy via activation of the calcineurin/NFAT signaling pathway. {ECO:0000250 UniProtKB:M0RD54}.
Molecular Weight:	156.5 kDa
UniProt:	Q711Q0

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