Datasheet for ABIN7554685

NACAD Protein (AA 1-1562) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	NACAD
Protein Characteristics:	AA 1-1562
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NACAD protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NACAD Protein expressed in mammalian cells.
Sequence:	MPGEAARAEL LLPEADRPGP RTDLSCDAAA ATTILGGDRR EPCALTPGPS HLALTFLPSK PGARPQPEGA SWDAGPGGAP SAWADPGEGG PSPMLLPEGL SSQALSTEAP LPATLEPRIV MGEETCQALL SPRAARTALR DQEGGHASPD PPPELCSQGD LSVPSPPPDP DSFFTPPSTP TKTTYALLPA CGPHGDARDS EAELRDELLD SPPASPSGSY ITADGDSWAS SPSCSLSLLA PAEGLDFPSG WGLSPQGSMV DERELHPAGT PEPPSSESSL SADSSSSWGQ EGHFFDLDFL ANDPMIPAAL LPFQGSLIFQ VEAVEVTPLS PEEEEEEAVA DPDPGGDLAG EGEEDSTSAS FLQSLSDLSI TEGMDEAFAF RDDTSAASSD SDSASYAEAD DERLYSGEPH AQATLLQDSV QKTEEESGGG AKGLQAQDGT VSWAVEAAPQ TSDRGAYLSQ RQELISEVTE EGLALGQEST ATVTPHTLQV APGLQVEVAT RVTPQAGEEE TDSTAGQESA AMAMPQPSQE GISEILGQES VTAEKLPTPQ EETSLTLCPD SPQNLKEEGG LDLPSGRKPV AAATIVPRQA KEDLTLPQDS AMTPPLPLQD TDLSSAPKPV AAATIVSQQA EEGLTLPQDS VMTPPLPLQD TELSSAPKPV AAATLVSQQA EEGLTLPQDS AMTPPLPLQD TDLSSAPKPV AAATLVSQQA EEGLTLPQDS

	AMTPPLPLQD TDLSSAPKPV AAATLVSQQA EEGLTLPQDS AMTPPLPLQD TDLSSAPKPV AAATIVSQQA EEGLTLPQDS AMTPPLPLQD TDLSSAPKPV AAATIVSQQA EEGLTLPQDS AMTPPLPLQD TDLSSAPKPV AAATPVSQQA EEGLTLPQDS AMTPPLPLQD TDLSSAPKPV AAATPVSQQA EEGLTLPQDS AMTAPLPLQD TGPTSGPEPL AVATPQTLQA EAGCAPGTEP VATMAQQEVG EALGPRPAPE EKNAALPTVP EPAALDQVQQ DDPQPAAEAG TPWAAQEDAD STLGMEALSL PEPASGAGEE IAEALSRPGR EACLEARAHT GDGAKPDSPQ KETLEVENQQ EGGLKPLAQE HGPRSALGGA REVPDAPPAA CPEVSQARLL SPAREERGLS GKSTPEPTLP SAVATEASLD SCPESSVGAV SSLDRGCPDA PAPTSAPTSQ QPEPVLGLGS VEQPHEVPSV LGTPLLQPPE NLAKGQPSTP VDRPLGPDPS APGTLAGAAL PPLEPPAPCL CQDPQEDSVE DEEPPGSLGL PPPQAGVQPA AAAVSGTTQP LGTGPRVSLS PHSPLLSPKV ASMDAKDLAL QILPPCQVPP PSGPQSPAGP QGLSAPEQQE DEDSLEEDSP RALGSGQHSD SHGESSAELD EQDILAPQTV QCPAQAPAGG SEETIAKAKQ SRSEKKARKA MSKLGLRQIQ GVTRITIQKS KNILFVIAKP DVFKSPASDT YVVFGEAKIE DLSQQVHKAA AEKFKVPSEP SALVPESAPR PRVRLECKEE EEEEEEEVDE AGLELRDIEL VMAQANVSRA KAVRALRDNH SDIVNAIMEL TM **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)

Product Details

Grade:	custom-made

Target Details

Target:	NACAD
Alternative Name:	NACAD (NACAD Products)
Background:	NAC-alpha domain-containing protein 1,FUNCTION: May prevent inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). May bind to nascent polypeptide chains as they emerge from the ribosome and block their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. May also reduce the inherent affinity of ribosomes for protein translocation sites in the ER membrane (M sites) (By similarity). {ECO:0000250}.
Molecular Weight:	161.1 kDa
UniProt:	O15069

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