Datasheet for ABIN7553796

EEA1 Protein (AA 1-1411) (His tag)

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Overview

Quantity:	1 mg
Target:	EEA1
Protein Characteristics:	AA 1-1411
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EEA1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat EEA1 Protein expressed in mammalien cells.
Sequence:	MLRRILQRTP GRVGSQGSDL DSSATPINTV DVNNESSSEG FICPQCMKSL GSADELFKHY EAVHDAGNDS GHGGESNLAL KRDDVTLLRQ EVQDLQASLK EEKWYSEELK KELEKYQGLQ QQEAKPDGLV TDSSAELQSL EQQLEEAQTE NFNIKQMKDL FEQKAAQLAT EIADIKSKYD EERSLREAAE QKVTRLTEEL NKEATVIQDL KTELLQRPGI EDVAVLKKEL VQVQTLMDNM TLERERESEK LKDECKKLQS QYASSEATIS QLRSELAKGP QEVAVYVQEL QKLKSSVNEL TQKNQTLTEN LLKKEQDYTK LEEKHNEESV SKKNIQATLH QKDLDCQQLQ SRLSASETSL HRIHVELSEK GEATQKLKEE LSEVETKYQH LKAEFKQLQQ QREEKEQHGL QLQSEINQLH SKLLETERQL GEAHGRLKEQ RQLSSEKLMD KEQQVADLQL KLSRLEEQLK EKVTNSTELQ HQLDKTKQQH QEQQALQQST TAKLREAQND LEQVLRQIGD KDQKIQNLEA LLQKSKENIS LLEKEREDLY AKIQAGEGET AVLNQLQEKN HTLQEQVTQL TEKLKNQSES HKQAQENLHD QVQEQKAHLR AAQDRVLSLE TSVNELNSQL NESKEKVSQL DIQIKAKTEL LLSAEAAKTA

	QRADLQNHLD TAQNALQDKQ QELNKITTQL DQVTAKLQDK QEHCSQLESH LKEYKEKYLS LEQKTEELEG QIKKLEADSL EVKASKEQAL QDLQQQRQLN TDLELRATEL SKQLEMEKEI VSSTRLDLQK KSEALESIKQ KLTKQEEEKK ILKQDFETLS QETKIQHEEL NNRIQTTVTE LQKVKMEKEA LMTELSTVKD KLSKVSDSLK NSKSEFEKEN QKGKAAILDL EKTCKELKHQ LQVQMENTLK EQKELKKSLE KEKEASHQLK LELNSMQEQL IQAQNTLKQN EKEEQQLQGN INELKQSSEQ KKKQIEALQG ELKIAVLQKT ELENKLQQQL TQAAQELAAE KEKISVLQNN YEKSQETFKQ LQSDFYGRES ELLATRQDLK SVEEKLSLAQ EDLISNRNQI GNQNKLIQEL KTAKATLEQD SAKKEQQLQE RCKALQDIQK EKSLKEKELV NEKSKLAEIE EIKCRQEKEI TKLNEELKSH KLESIKEITN LKDAKQLLIQ QKLELQGKAD SLKAAVEQEK RNQQILKDQV KKEEEELKKE FIEKEAKLHS EIKEKEVGMK KHEENEAKLT MQITALNENL GTVKKEWQSS QRRVSELEKQ TDDLRGEIAV LEATVQNNQD ERRALLERCL KGEGEIEKLQ TKVLELQRKL DNTTAAVQEL GRENQSLQIK HTQALNRKWA EDNEVQNCMA CGKGFSVTVR RHHCRQCGNI FCAECSAKNA LTPSSKKPVR VCDACFNDLQ G **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.**
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien 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, Western Blot
Grade:	custom-made

Target Details

Target:	EEA1
Alternative Name:	EEA1 (EEA1 Products)
Background:	Early endosome antigen 1 (Endosome-associated protein p162) (Zinc finger FYVE domain-containing protein 2),FUNCTION: Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in endosomal trafficking.
Molecular Weight:	162.5 kDa
UniProt:	Q15075
Pathways:	Toll-Like Receptors Cascades

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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