

Datasheet for ABIN7564383

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



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Overview

Quantity:	1 mg
Target:	EEA1
Protein Characteristics:	AA 1-1411
Origin:	Mouse
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 mammalian cells.
Sequence:	MFRRILQRTP GRVGSQGSDL DSSATPINTV DVNNESSSEG FICPQCMKSL GSADELFKHY QAVHDAGNDS GHGGEAGLAL TRDDITLLRQ EVQDLQASLK EEKWYSEELK KELEKYQGLQ QQEAKSDGLV TDSSAELQAL EQQLEEAQTE NFNIKQMKDL FEQKAAQLAT EIADIKSKYD EEKSLRAAAE QKVTHLTEDL NKQTTVIQDL KTELLQRPGI EDVAVLKKEL VQVQTLMDNM TLERERESEK LKDECKKLQS EHAHLEATIN QLRSELAKGP QEVAVYVQEI QKLKGSINEL TQKNQNLTEK LQKKDLDYTH LEEKHNEESA SRKTLQASLH QRDLCQQLQ ARLTASESSL QRAQGELSEK AEAQKLREE LREVESTQRH LKVEVKQLQQ QREEKEQHGL QLQGEVSQLH CKLLETERQL GEAHGRLKEQ RQLSSEKLME KEQQVADLQL KLSRLEEQLK EKVTNSTELQ HQLEKSKQQH QEQQALQQA TAKLREAQND LEQVLRQIGD KDQKIQNLEA LLQKGKESVS LLEKEREDLY AKIQAGEGET AVLNQLQEQN HALQQQLTQL TEKLKNQSES HKQAEENLHD QVQEQAHLR AAQDRVLSLE TSVSELSSQL NESKEKVSQQL DIQIKAKTEL LLSAEAAKAA

GRADLQNHLD TAQHALQDKQ QELNKVSVQL DQLTAKFQEK QEHCIQLESH LKDHKEKHLS
LEQKVEDLEG HIKKLEADAL EVKASKEQAL QSLQQQRQLS TDLELRNAEL SRELQEQUEEV
VSCTKLDLQN KSEILENIKQ TLTKKEEENV VLKQEFELKS QDSKTQHKEL GDRMQAAVTE
LTAVKAQKDA LLAELSTTKE KLSKVSDSLK NSKSEFEKEN QKGKAAVLDL EKACKELKHQ
LQVQAESALK EQEDLKKSLE KEKETSQQLK IELNSVKGEV SQAQNTLKQK EKDEQQLQGT
INQLKQSAEQ KKKQIEALQG EVKNAVSQKT VLENKLQQQS SQAAQELAAE KGKLSALQSN
YEKCQADLKQ LQSDLYGKES ELLATRQDLK SVEEKLTLAQ EDLISNRNQI GNQNKSIQEL
QAAKASLEQD SAKKEALLKE QSKALEDAQR EKSVEKELV AEKSKLAEME EIKCRQEKEI
TKLNEELKSH KQESIKEITN LKDAKQLLIQ QKLELQGRVD SLKAALEQEK ESQQLMREQV
KKEEEKRKEE FSEKEAKLHS EIKEKEAGMK KHEENEAKLT MQVTTLNENL GTVKKEWQSS
QRRVSELEKQ TDDLGRGIAV LEATVQNNQD ERRALLERCL KGEGEIEKLQ TKALELQRKL
DNTTAAVQEL GRENQSLQIK HTQALNRKWA EDNEVQNCMS CGKCFSVTVR RHHCRCQGN
FCAECSTKNA 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 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, Western Blot

Grade:

custom-made

Target Details

Target:	EEA1
Alternative Name:	Eea1 (EEA1 Products)
Background:	Early endosome antigen 1,FUNCTION: Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in endosomal trafficking. {ECO:0000250}.
Molecular Weight:	160.9 kDa
UniProt:	Q8BL66
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