

Datasheet for ABIN7552035
AEN Protein (AA 1-325) (His tag)



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Overview

Quantity:	1 mg
Target:	AEN
Protein Characteristics:	AA 1-325
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AEN protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant AEN Protein expressed in mammalian cells.
Sequence:	MVPREAPESA QCLCPSLTIP NAKDVLKRKH KRRSRQHQRF MARKALLQEQ GLLSMPPEPG SSPLPTPFGA ATATEAASSG KQCLRAGSGS APCSRPPAPG KASGPLPSKC VAIDCEMVGT GPRGRVSELA RCSIVSYHGN VLYDKYIRPE MPIADYRTRW SGITRQHMRK AVPFQVAQKE ILKLLKGKVV VGHALHNDQFQ ALKYVHPRSQ TRDTTYVVPNF LSEPLHTRA RVSLKDLALQ LLHKKIQVGQ HGHSSVEDAT TAMELYRLVE VQWEQQEARS LWTCPEDREP DSSTDMEQYM EDQYWPDDLA HGSRGGAREA QDRRN 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:

Product Details

- 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:	AEN
Alternative Name:	AEN (AEN Products)
Background:	Apoptosis-enhancing nuclease (EC 3.1.-.-) (Interferon-stimulated 20 kDa exonuclease-like 1),FUNCTION: Exonuclease with activity against single- and double-stranded DNA and RNA. Mediates p53-induced apoptosis. When induced by p53 following DNA damage, digests double-stranded DNA to form single-stranded DNA and amplifies DNA damage signals, leading to enhancement of apoptosis. {ECO:0000269 PubMed:16171785, ECO:0000269 PubMed:18264133}.
Molecular Weight:	36.4 kDa
UniProt:	Q8WTP8

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