

Datasheet for ABIN7562399

## Ectodysplasin A Protein (EDA) (AA 1-391) (His tag)



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### Overview

Quantity:	1 mg
Target:	Ectodysplasin A (EDA)
Protein Characteristics:	AA 1-391
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ectodysplasin A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Eda Protein expressed in mammalian cells.
Sequence:	<p>MGYPEVERRE PLPAAAPRER GSQGCGCRGA PARAGEGNSC RLFLGFFGLS LALHLLTLCC</p> <p>YLELRSELRR ERGTESRLGG PGAPGTSGTL SSPGSLDPVG PITRHLGQPS FQQQPLEPGE</p> <p>DPLPPDSQDR HQMALLNFFF PDEKAYSEEE SRRVRRNKRS KSGEGADGPV KNKKKGKKAG</p> <p>PPGPNPQPPG PGPPGPQGGP GIPGIPGIPG TTVMGPPGPP GPPGPQGGPP LQGPPGAADK</p> <p>TGTRENQPAV VHLQGQGS AI QVKNDLSGGV LNDWSRITMN PKVFKLHPRS GELEVLVDGT</p> <p>YFIYSQVEVY YINFTDFASY EVVVDEKPFL QCTRSIETGK TNYNTCYTAG VCLLKARQKI</p> <p>AVKMHADIS INMSKHTTFF GAIRLGEAPA S <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p> <p><b>of the protein could make another tag necessary. In case you have a special request, please</b></p> <p><b>contact us.</b></p>
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, Western Blot
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Grade:	custom-made
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## Target Details

Target:	Ectodysplasin A (EDA)
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Alternative Name:	Eda ( <a href="#">EDA Products</a> )
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Background:	<p>Ectodysplasin-A (EDA protein homolog) (Tabby protein) [Cleaved into: Ectodysplasin-A, membrane form, Ectodysplasin-A, secreted form],FUNCTION: Cytokine which is involved in epithelial-mesenchymal signaling during morphogenesis of ectodermal organs. Functions as a ligand activating the DEATH-domain containing receptors EDAR and EDA2R. Isoform TAA binds only to the receptor EDAR, while isoform TA-A2 binds exclusively to the receptor EDA2R (By similarity). May also play a role in cell adhesion (PubMed:10534613).</p> <p>{ECO:0000250 UniProtKB:Q92838, ECO:0000269 PubMed:10534613}., FUNCTION: Isoform TAA binds only to the receptor EDAR, while isoform TA-A2 binds exclusively to the receptor EDA2R. {ECO:0000250 UniProtKB:Q92838}., FUNCTION: Isoform TA-A2 binds exclusively to the receptor EDA2R. {ECO:0000250 UniProtKB:Q92838}.</p>
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Molecular Weight:	41.6 kDa
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UniProt:	<a href="#">O54693</a>
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Pathways:	<a href="#">Tube Formation</a>
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## 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.
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Restrictions:	For Research Use only
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## 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