

## Datasheet for ABIN7547359

### EID1 Protein (AA 1-187) (His tag)



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#### Overview

Quantity:	1 mg
Target:	EID1
Protein Characteristics:	AA 1-187
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EID1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

#### Product Details

Purpose:	Custom-made recombinat EID1 Protein expressed in mammalien cells.
Sequence:	<p>MSEMAELSEL YEESSDLQMD VMPGEGDLPQ MEVGSGSREL SLRPSRSGAQ QLEEEGPMEE          EEAQPMAAPE GKRSLANGPN AGEQPGQVAG ADFESEDEGE EFDDWEDDYD YPEEEQLSGA          GYRVSAALEE ADKMFLRTRE PALDGGFQMH YEKTPFDQLA FIEELFSLMV VNRLTEELGC          DEIIDRE <b>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.</b></p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>• Made to order protein - from design to production - by highly experienced protein experts.</li> <li>• Protein expressed in mammalien cells and purified in one-step affinity chromatography</li> <li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li> </ul>

## Product Details

- 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: EID1

Alternative Name: EID1 ([EID1 Products](#))

Background: EP300-interacting inhibitor of differentiation 1 (21 kDa pRb-associated protein) (CREBBP/EP300 inhibitory protein 1) (E1A-like inhibitor of differentiation 1) (EID-1),FUNCTION: Interacts with RB1 and EP300 and acts as a repressor of MYOD1 transactivation. Inhibits EP300 and CBP histone acetyltransferase activity. May be involved in coupling cell cycle exit to the transcriptional activation of genes required for cellular differentiation. May act as a candidate coinhibitory factor for NR0B2 that can be directly linked to transcription inhibitory mechanisms. {ECO:0000269|PubMed:11073989, ECO:0000269|PubMed:11073990}.

Molecular Weight: 20.9 kDa

UniProt: [Q9Y6B2](#)

## 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