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Datasheet for ABIN7547310 EID3 Protein (AA 1-333) (His tag)

Overview

Quantity:	1 mg
Target:	EID3
Protein Characteristics:	AA 1-333
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EID3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat EID3 Protein expressed in mammalien cells.
Sequence:	MKMDVSVRAA GCSDDLSSGE ADVDPKLEL TADEEKCRSI RRQYRQLMYC VRQNREDIVS SANNLSTEAL EEANVLFDGV SRTREAALDA RFLVMASDLG KEKAKQLNSD MNFFNQLAFC DFLFLFVGLN WMEGDPDKLS DCDDSIALSF WKAIEKEATS WMVKAETFHF VFGSFKLERS APKPRLEHQK KVRKMEENGN MPTKLQKLDL SSYPEATEKN VERILGLLQT YFRKYPDTPV SYFEFVIDPN SFSRTVENIF YVSFIVRDGF ARIRLDEDRL PILEPMNVNQ MGEENDSSCH GRKQGVISLT LQEWKNIVAA FEISEAMITY SSY 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:

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

Grade: custom-made

Target Details

Target: EID3

Alternative Name: EID3 ([EID3 Products](#))

Background: EP300-interacting inhibitor of differentiation 3 (EID-3) (E1A-like inhibitor of differentiation 3) (EID-1-like inhibitor of differentiation 3) (Non-structural maintenance of chromosomes element 4 homolog B) (NS4EB) (Non-SMC element 4 homolog B),FUNCTION: Tissue-specific component of the SMC5-SMC6 complex, a complex involved in repair of DNA double-strand breaks by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double-strand breaks. The complex is required for telomere maintenance via recombination and mediates sumoylation of shelterin complex (telosome) components. {ECO:0000269|PubMed:15987788},. FUNCTION: Acts as a repressor of nuclear receptor-dependent transcription possibly by interfering with CREBBP-dependent coactivation. May function as a coinhibitor of other CREBBP/EP300-dependent transcription factors. {ECO:0000269|PubMed:15987788}.

Molecular Weight: 38.2 kDa

UniProt: [Q8N140](#)

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
