

Datasheet for ABIN7555931
UNC93B1 Protein (AA 1-597) (His tag)



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Overview

Quantity:	1 mg
Target:	UNC93B1
Protein Characteristics:	AA 1-597
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UNC93B1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant UNC93B1 Protein expressed in mammalian cells.
Sequence:	MEAEPLYPM AGAAGPQGDE DLLGVPDGPE APLDELVGAY PNYNEEEEEER RYRRKRLGV LKNVLAASAG GMLTYGVYLG LLQMQLILHY DETYREVKYGMGLPDIDSK MLMGINVTPI AALLYTPVLI RFFGTKWMMF LAVGIYALFV STNYWERYYT LVPSAVALGM AIVPLWASMG NYITRMAQKY HEYSHYKEQD GQGMKQRPPR GSHAPYLLVF QAIFYFFHL SFACAQLPMI YFLNHLYDL NHTLYNVQSC GTNSHGILSG FNKTVLRTLP RSGNLIVVES VLMAVAFLAM LLVLGLCGAA YRPTIIDLR SVGWGNIFQL PFKHVRDYRL RHLVFFIYS GFEVLFACTG IALGYGVCSV GLERLAYLLV AYSLGASAAS LLGLLGLWLP RPVPLVAGAG VHLLTFILF FWAPVPRVLQ HSWILYVAAA LWGVGSALNK TGLSTLLGIL YEDKERQDFI FTIYHWWQAV AIFTVYLGSS LHMKAKLAVL LVTLVAAAVS YLRMEQKLRR GVAPRQPRIP RPQHKVRYR YLEEDNSDES DAEGEHGDGA EEEAPPAGPR PGPEPAGLGR RPCPYEQAQG GDGPEEQ 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

Product Details

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:**

- 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: UNC93B1

Alternative Name: UNC93B1 ([UNC93B1 Products](#))

Background: Protein unc-93 homolog B1 (Unc-93B1) (hUNC93B1),FUNCTION: Plays an important role in innate and adaptive immunity by regulating nucleotide-sensing Toll-like receptor (TLR) signaling. Required for the transport of a subset of TLRs (including TLR3, TLR7 and TLR9) from the endoplasmic reticulum to endolysosomes where they can engage pathogen nucleotides and activate signaling cascades. May play a role in autoreactive B-cells removal. {ECO:0000269|PubMed:19006693}.

Molecular Weight: 66.6 kDa

UniProt: [Q9H1C4](#)

Pathways: [TLR Signaling, Activation of Innate immune Response, Toll-Like Receptors Cascades](#)

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
