

Datasheet for ABIN7551343
RDH8 Protein (AA 1-311) (His tag)



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Overview

Quantity:	1 mg
Target:	RDH8
Protein Characteristics:	AA 1-311
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RDH8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RDH8 Protein expressed in mammalian cells.
Sequence:	<p>MAAAPRTVLI SGCSSGIGLE LAVQLAHDPK KRYQVVATMR DLGKKETLEA AAGEALGQTL TVAQLDVCSD ESVAQCLSCI QGEVDVLVNN AGMGLVGPLE GLSLAAMQNV FDTNFFGAVR LVKAVLPGMK RRRQGHIVVI SSV MGLQGV FNDVYAASKF ALEGFFESLA IQLLQFNIFI SLVEPGPVVT EFEGKLLAQV SMAEFP GTDP ETLHYFRDLY LPASRKLFCV VGQNPQDVVQ AIVNVISSR PPLRRQTNI R YSPLTTLKTV DSSGSLYVRT THRLFRCP R LLNLGLQCLS CGCLPTRVRP R</p> <p>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.</p>
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:	RDH8
Alternative Name:	RDH8 (RDH8 Products)
Background:	Retinol dehydrogenase 8 (EC 1.1.1.300) (Photoreceptor outer segment all-trans retinol dehydrogenase) (Short chain dehydrogenase/reductase family 28C member 2),FUNCTION: Retinol dehydrogenase with a clear preference for NADP. Converts all-trans-retinal to all-trans-retinol. May play a role in the regeneration of visual pigment at high light intensity (By similarity). {ECO:0000250 UniProtKB:Q9N126}.
Molecular Weight:	33.8 kDa
UniProt:	Q9NYR8

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