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Datasheet for ABIN7559819
RDH10 Protein (AA 1-341) (His tag)

Overview

Quantity:	1 mg
Target:	RDH10
Protein Characteristics:	AA 1-341
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RDH10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rdh10 Protein expressed in mammalian cells.
Sequence:	<p>MNIVVEFFVV TFKVLWAFVL AAARWLVRPK EKSVAGQVCL ITGAGSGLGR LFALEFARRR ALLVLWDINT QSNEETAGMV RHIYRDLEAA DAAALQAGKG EEEILPPCNL QVFTYTCDVG KRENYLTAE RVRKEVGEVS VLVNNAVVS GHLLLECPDE LIERTMMVNC HAHFWTTKAF LPTMLEINHG HIVTVASSLG LFSTAGVEDY CASKFGVVG F HESLSHELKA AEKDGIKTTL VCPYLVDTGM FRGCRIRKEI EPFLPPLKPD YCVKQAMRAI LTDQPMVCTP RLMYIVTFMK SILPFEAVVC MYRFLGADKC MYPFIAQRKQ ATNNNEAKNG 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:	RDH10
Alternative Name:	Rdh10 (RDH10 Products)
Background:	Retinol dehydrogenase 10 (EC 1.1.1.300),FUNCTION: Retinol dehydrogenase with a clear preference for NADP. Converts all-trans-retinol to all-trans-retinal. Has no detectable activity towards 11-cis-retinol, 9-cis-retinol and 13-cis-retinol (By similarity). Required for normal embryonic development. {ECO:0000250, ECO:0000269 PubMed:17473173}.
Molecular Weight:	38.1 kDa
UniProt:	Q8VCH7

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