

Datasheet for ABIN7547225  
**DOHH Protein (AA 1-302) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DOHH
Protein Characteristics:	AA 1-302
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DOHH protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant DOHH Protein expressed in mammalian cells.
Sequence:	<p>MVTEQEVD AI GQTLVDPKQP LQARFRALFT LRGLGGPGAI AWISQAFDDD SALLKHELAY            CLGQM QDARA IPMLVDVLQD TRQEP MVRHE AGEALGAIGD PEVLEILKQY SSDPVIEVAE            TCQLAVRRLE WLQQHGGEPA AGPYLSV DPA PPAEERDVGR LREALLDESR PLFERYRAMF            ALRNAGGEEA ALALAEGLHC GSALFRHEVG YVLGQLQHEA AVPQLAAALA RCTENPMVRH            ECAEALGAIA RPACLAALQA HADDP ERVVR ESCEVALDMY EHETGRAFQY ADGLEQLRGA PS</p> <p><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>
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

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	DOHH
Alternative Name:	DOHH ( <a href="#">DOHH Products</a> )
Background:	<p>Deoxyhypusine hydroxylase (hDOHH) (EC 1.14.99.29) (Deoxyhypusine dioxygenase) (Deoxyhypusine monooxygenase) (HEAT-like repeat-containing protein 1),FUNCTION: Catalyzes the hydroxylation of the N(6)-(4-aminobutyl)-L-lysine intermediate produced by deoxyhypusine synthase/DHPS on a critical lysine of the eukaryotic translation initiation factor 5A/eIF-5A. This is the second step of the post-translational modification of that lysine into an unusual amino acid residue named hypusine (PubMed:16533814, PubMed:16371467, PubMed:19706422). Hypusination is unique to mature eIF-5A factor and is essential for its function (By similarity). {ECO:0000250 UniProtKB:Q99LN9, ECO:0000255 HAMAP-Rule:MF_03101, ECO:0000269 PubMed:16371467, ECO:0000269 PubMed:16533814, ECO:0000269 PubMed:19706422}.</p>
Molecular Weight:	32.9 kDa
UniProt:	<a href="#">Q9BU89</a>

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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