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Datasheet for ABIN7561308  
**HEYL Protein (AA 1-326) (His tag)**

## Overview

Quantity:	1 mg
Target:	HEYL
Protein Characteristics:	AA 1-326
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HEYL protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Heyl Protein expressed in mammalian cells.
Sequence:	MKRPRAPSGS DGESDGPIDV GQENDLSQMA RPLTTPSPSQ MQARKKRRGI IEKRRRDRIN SSLSELRRLV PTAFEKQGSS KLEKAEVLQM TVDHLKMLHA SGGTGFFDAR ALAVDFRSIG FRECLTEVIR YLGVLEGPSS HADPVRIRLL SHLKSYYAEM EPSPTTTSAL AFPVWPWSFL HSCGPLPSLN SQLAILGRVP GVLPSISSP PYPISALRSA PVHRPAGTIP PTRRNLLPSR GVTSTQRAHL PERPAAPPPT ALDARAARSI VPIPPCSPTT APGAGKSDDN VSGSISSPCP SGPTGRPAGA VFYHSWVSEI TEIGAF <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>
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:	HEYL
Alternative Name:	Heyl ( <a href="#">HEYL Products</a> )
Background:	Hairy/enhancer-of-split related with YRPW motif-like protein (Hairy and enhancer of split-related protein 3) (Hairy-related transcription factor 3) (HRT-3) (mHRT3),FUNCTION: Transcriptional repressor which binds preferentially to the canonical E box sequence 5'-CACGTG-3' (By similarity). Downstream effector of Notch signaling required for cardiovascular development. Specifically required for the Notch-induced endocardial epithelial to mesenchymal transition, which is itself critical for cardiac valve and septum development. Represses transcription by the cardiac transcriptional activators GATA4 and GATA6. {ECO:0000250, ECO:0000269 PubMed:16199874, ECO:0000269 PubMed:17303760}.
Molecular Weight:	34.9 kDa
UniProt:	<a href="#">Q9DBX7</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</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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