

Datasheet for ABIN7548296  
**HEY2 Protein (AA 1-337) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	HEY2
Protein Characteristics:	AA 1-337
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HEY2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat HEY2 Protein expressed in mammalian cells.
Sequence:	<p>MKRPCEETTS ESDMDETIDV GSENNYSGQS TSSVIRLNSP TTTSQIMARK KRRGIIEKRR</p> <p>RDRINNSLSE LRRLVPTAFE KQGSAKLEKA EILQMTVDHL KMLQATGGKG YFDAHALAMD</p> <p>FMSIGFRECL TEVARYLSSV EGLDSSDPLR VRLVSHLSTC ATQREAAAMT SSMAHHHHPL</p> <p>HPHHWAAAFH HLPALLQPN GLHASESTPC RLSTTSEVPP AHGSALLTAT FAHADSALRM</p> <p>PSTGSVAPCV PPLSTSLLSL SATVHAAAAA ATAAHSFPL SFAGAFMPLP PNA AAAVAAA</p> <p>TAISPPLSVS ATSSPQQTSS GTNNKPYRPW GTEVGAF <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p> <p><b>of the protein could make another tag necessary. In case you have a special request, please</b></p> <p><b>contact us.</b></p>
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, Western Blot
---------	---

Grade:	custom-made
--------	-------------

## Target Details

Target:	HEY2
---------	------

Alternative Name:	HEY2 ( <a href="#">HEY2 Products</a> )
-------------------	--

Background:	<p>Hairy/enhancer-of-split related with YRPW motif protein 2 (Cardiovascular helix-loop-helix factor 1) (hCHF1) (Class B basic helix-loop-helix protein 32) (bHLHb32) (HES-related repressor protein 2) (Hairy and enhancer of split-related protein 2) (HESR-2) (Hairy-related transcription factor 2) (HRT-2) (hHRT2) (Protein gridlock homolog),FUNCTION: Downstream effector of Notch signaling which may be required for cardiovascular development. Transcriptional repressor which binds preferentially to the canonical E box sequence 5'-CACGTG-3'. Represses transcription by the cardiac transcriptional activators GATA4 and GATA6.</p> <p>{ECO:0000269 PubMed:10692439, ECO:0000269 PubMed:11095750, ECO:0000269 PubMed:15485867, ECO:0000269 PubMed:16293227}.</p>
-------------	--

Molecular Weight:	35.8 kDa
-------------------	----------

UniProt:	<a href="#">Q9UBP5</a>
----------	------------------------

Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a>
-----------	---

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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