

Datasheet for ABIN7556666  
**HRH1 Protein (AA 1-488) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	HRH1
Protein Characteristics:	AA 1-488
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HRH1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Hrh1 Protein expressed in mammalien cells.
Sequence:	<p>MSLPNTSSAS EDKMCEGNRT AMASPQLLPL VVVLSSISLV TVGLNLLVLY AVRSEKRLHT  VGNLYIVSLS VADLIVGAVV MPMNILYLIM TKWSLGRPLC LFWLSMDYVA STASIFSVFI  LCDRYRSVQ QPLRYLRYRT KTRASATILG AWFLSFLWVI PILGWHHFTP LAPELREDKC  ETDFYNVTWF KIMTAIINFY LPTLLMLWFY VKIYKAVRRH CQHRQLTNGS LPTFLEIKLR  SEDAKEGAKK PGKESPWGVQ KRPSRDPTGG LDQKSTSEDP KVTSPVFSQ EGERETVTRP  CFRLDVMQTQ PVPEGDARGS KANDQTLSQP KMDEQSLSTC RRISETSEDQ TLVDRQSFSSR  TTDSDTSEIP GLGKVKARSR SNSGLDYIKV TWKRLRSHSR QYVSGHLHNR ERKAAKQLGC  IMAAFILCWI PYFIFFMVIA FCNSCCSEPV HMFTIWLGYI NSTLNPLIYP LCNENFKKTF KKILHIRS</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>

## Product Details

### Characteristics:

### Key Benefits:

- 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:

HRH1

### Alternative Name:

Hrh1 ([HRH1 Products](#))

### Background:

Histamine H1 receptor (H1R) (HH1R),FUNCTION: In peripheral tissues, the H1 subclass of histamine receptors mediates the contraction of smooth muscles, increase in capillary permeability due to contraction of terminal venules, and catecholamine release from adrenal medulla, as well as mediating neurotransmission in the central nervous system. Involved in circadian rhythm of locomotor activity and exploratory behavior. Also involved in responsiveness to pertussis toxin through its control of susceptibility to histamine hypersensitivity and enhancement of antigen-specific delayed-type hypersensitivity responses. {ECO:0000269|PubMed:12595443, ECO:0000269|PubMed:8917588}.

### Molecular Weight:

55.7 kDa

### UniProt:

[P70174](#)

### Pathways:

[Regulation of Carbohydrate Metabolic Process](#)

## 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