

Datasheet for ABIN7548406

## HRH2 Protein (AA 1-359) (His tag)



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### Overview

Quantity:	1 mg
Target:	HRH2
Protein Characteristics:	AA 1-359
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HRH2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat HRH2 Protein expressed in mammalian cells.
Sequence:	<p>MAPNGTASSF CLDSTACKIT ITVVLAVLIL ITVAGNVVVC LAVGLNRRLR NLTNCFIVSL  AITDLLLGLL VLPFSAIYQL SCKWSFGKVF CNIYTSLDVM LCTASILNLF MISLDRYCAV  MDPLRYPVLV TPVRVAISLV LIWVISITLS FLSIHLGWNS RNETSKGNHT TSKCKVQVNE  VYGLVDGLVT FYLPLLIMCI TYYRIFKVAR DQAKRINHIS SWKAATIREH KATVTLAAVM  GAFIICWFPY FTAFFVYRGLR GDDAINEVLE AIVLWLGYAN SALNPILYAA LNRDFRTGYQ  QLFCCRLANR NSHKTSLSRN ASQLSRTQSR EPRQEEKPL KLQVWSGTEV TAPQGATDR</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>
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, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	HRH2
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Alternative Name:	HRH2 ( <a href="#">HRH2 Products</a> )
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Background:	Histamine H2 receptor (H2R) (HH2R) (Gastric receptor I),FUNCTION: The H2 subclass of histamine receptors mediates gastric acid secretion. Also appears to regulate gastrointestinal motility and intestinal secretion. Possible role in regulating cell growth and differentiation. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and, through a separate G protein-dependent mechanism, the phosphoinositide/protein kinase (PKC) signaling pathway (By similarity). {ECO:0000250}.
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Molecular Weight:	40.1 kDa
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UniProt:	<a href="#">P25021</a>
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## Application Details

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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.
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Application Details

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