

Datasheet for ABIN7548322

## HRH1 Protein (AA 1-487) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	HRH1
Protein Characteristics:	AA 1-487
Origin:	Human
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 mammalian cells.
Sequence:	<p>MSLPNSSCLL EDKMCEGNTK TMA SPQLMPL VVVLSTICLV TVGLNLLVLY AVRSEKRLHT</p> <p>VGNLYIVSLS VADLIVGAVV MPMNLYLLM SKWSLGRPLC LFWLSMDYVA STASIFSVFI</p> <p>LCIDRYRSVQ QPLRYLKYRT KTRASATILG AWFLSFLWVI PILGWNHFMQ QTSVRREDKC</p> <p>ETDFYDVTWF KVMTAIINFY LPTLLMLWYF AKIYKAVRQH CQHRELINRS LPSFSEIKLR</p> <p>PENPKGDAKK PGKESPWEVL KRKPKDAGGG SVLKSPSQTP KEMKSPVVS QEDDREVDKL</p> <p>YCFPLDIVHM QAAAEGSSRD YVAVNRSHGQ LKTDEQGLNT HGASEISEDQ MLGDSQSFSR</p> <p>TSDSTTTETA PGKGKLRSGS NTGLDYIKFT WKRLRSHSRQ YVSGLHMNRE RKAQKQLGFI</p> <p>MAAFILCWIP YFIFFMVI AFCKNCCNEHLH MFTIWLGYIN STLNPLIYPL CNENFKKTFK RILHIRS</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:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul>
------------------	--

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 ( <a href="#">HRH1 Products</a> )
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.
Molecular Weight:	55.8 kDa
UniProt:	<a href="#">P35367</a>
Pathways:	<a href="#">Regulation of Carbohydrate Metabolic Process</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.
--------------------	--

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