

Datasheet for ABIN7556518
HRH3 Protein (AA 1-445) (His tag)



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Overview

Quantity:	1 mg
Target:	HRH3
Protein Characteristics:	AA 1-445
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HRH3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Hrh3 Protein expressed in mammalien cells.
Sequence:	MERAPPDGLM NASGALAGEA AAAGGARGFS AAWTAVLAAL MALLIVATVL GNALVMLAFV ADSSLRTQNN FFLLNLAISD FLVGAFCIPL YVPYVLTGRW TFGRGLCKLW LVVDYLLCAS SVFNIVLISY DRFLSVTRAV SYRAQQGDTR RAVRKMALVW VLAFLLYGPA ILSWEYLSGG SSIPEGHCYA EFFYNWYFLI TASTLEFFTP FLSVTFNLS IYLNQRTR LRLDGGREAG PEPPDAQPS PPPAPPSCWG CWPKGHGEAM PLHRYGVGEA GPGVETGEAG LGGGSGGGAA ASPTSSSGSS SRGTERPRSL KRGSKPSASS ASLEKRMKMV QSITQRFRL SRDKKVAKSL AIIVSIFGLC WAPYTLLMII RAACHGHCVP DYWYETSFWL LWANSVNPV LYPLCHYSFR RAFTKLLCPQ KLVQPHGSL EQCWK 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.
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
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Grade:	custom-made
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Target Details

Target:	HRH3
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Alternative Name:	Hrh3 (HRH3 Products)
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Background:	Histamine H3 receptor (H3R) (HH3R),FUNCTION: The H3 subclass of histamine receptors could mediate the histamine signals in CNS and peripheral nervous system. Signals through the inhibition of adenylate cyclase and displays high constitutive activity (spontaneous activity in the absence of agonist) (By similarity). {ECO:0000250}.
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Molecular Weight:	48.5 kDa
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UniProt:	P58406
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Pathways:	cAMP Metabolic Process , Feeding Behaviour
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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.
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Restrictions:	For Research Use only
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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