

Datasheet for ABIN7548020
GNRHR Protein (AA 1-328) (His tag)



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Overview

Quantity:	1 mg
Target:	GNRHR
Protein Characteristics:	AA 1-328
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNRHR protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GNRHR Protein expressed in mammalian cells.
Sequence:	MANSASPEQN QNHCSAINNS IPLMQGNLPT LTLSGKIRVT VTFFLFLLSA TFNASFLLKL QKWTQKKEKG KKLSRMKLLL KHLTLANLLE TLIVMPLDGM WNITVQWYAG ELLCKVLSYL KLFSMYAPAF MMVVISLDRS LAITRPLALK SNSKVGQSMV GLAWILSSVF AGPQLYIFRM IHLADSSGQT KVFSQCVTHC SFSQWWHQAQ YNFFTFSCLF IIPLFIMLIC NAKIIFLTR VLHQDPHELQ LNQSKNNIPR ARLKTLKMTV AFATSFTVCW TPYYVLGIWY WFDPEMLNRL SDPVNHFFFL FAFLNPCFDP LIYGYFSL 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	GNRHR
Alternative Name:	GNRHR (GNRHR Products)
Background:	Gonadotropin-releasing hormone receptor (GnRH receptor) (GnRH-R),FUNCTION: Receptor for gonadotropin releasing hormone (GnRH) that mediates the action of GnRH to stimulate the secretion of the gonadotropic hormones luteinizing hormone (LH) and follicle-stimulating hormone (FSH). This receptor mediates its action by association with G-proteins that activate a phosphatidylinositol-calcium second messenger system. Isoform 2 may act as an inhibitor of GnRH-R signaling.
Molecular Weight:	37.7 kDa
UniProt:	P30968

Application Details

Application Notes:	We expect the protein to work for functional studies. 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