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Datasheet for ABIN7557600
CRHR2 Protein (AA 1-411) (His tag)

Overview

Quantity:	1 mg
Target:	CRHR2
Protein Characteristics:	AA 1-411
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRHR2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Crhr2 Protein expressed in mammalien cells.
Sequence:	MDAALLLSLL EANCSLALAE ELLLDGWGVP PDPEGPYTYC NTTLDQIGTC WPQSAPGALV ERPCPEYFNG IKYNTTRNAY RECLENGTWA SRVNYSHCEP ILDDKQRKYD LHYRIALIVN YLGHCVSVVA LVA AFLFLV LRSIRCLRNV IHWNLITTFI LRNIWFLLQ LIDHEVHEGN EWCRCITTI FNYFVVTNFF WMFVEGCYLH TAIVMTYSTE HLRKWLFLFI GWCIPCPIII AWAVGKLYYE NEQCWFGKEA GDLVDYIYQG PVMLVLLINF VLFNIVRIL MTKLRSTTS ETIQYRKAVK ATLVLLPLLG ITYMLFFVNP GEDDLSQIVF IYFNSFLQSF QGFFVSVFYC FFNGEVRAAL RKRWHRWQDH HALRVPVARA MSIPTSPTRI SFHSIKQTAA V 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:	CRHR2
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Alternative Name:	Crhr2 (CRHR2 Products)
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Background:	Corticotropin-releasing factor receptor 2 (CRF-R-2) (CRF-R2) (CRFR-2) (CRF-RB) (Corticotropin-releasing hormone receptor 2) (CRH-R-2) (CRH-R2),FUNCTION: G-protein coupled receptor for CRH (corticotropin-releasing factor), UCN (urocortin), UCN2 and UCN3. Has high affinity for UCN. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and down-stream effectors, such as adenylate cyclase. Promotes the activation of adenylate cyclase, leading to increased intracellular cAMP levels.
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Molecular Weight:	47.6 kDa
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UniProt:	Q60748
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Pathways:	Negative Regulation of Hormone Secretion , 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
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Application Details

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