

Datasheet for ABIN7550160
OR1Q1 Protein (AA 1-314) (His tag)



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Overview

Quantity:	1 mg
Target:	OR1Q1
Protein Characteristics:	AA 1-314
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OR1Q1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant OR1Q1 Protein expressed in mammalian cells.
Sequence:	MDNSNWTSVS HFVLLGISTH PEEQIPLFLV FSLMYAINIS GNLAIITLIL SAPRLHIPMY IFLSNLALTD ICFTSTTPVK MLQIIFSPK VISYTGCLAQ TYFFICFAVM ENFILAVMAY DRYIAICHPF HYTMILTRML CVKMVVMCHA LSHLHAMLHT FLIGQLIFCA DNRIPHFFCD LYALMKISCT STYLNLMIH TEGAVVISGA LAFITASYAC IILVVLRIPI AKGRWKTFST CGSHLTVVAI FYGTLSWVYF RPLSSYSVTK GRIITVVYTV VTPMLNPFYI SLRNGDVKGG FMKWMSRMQT FFFR 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:	OR1Q1
Alternative Name:	OR1Q1 (OR1Q1 Products)
Background:	Olfactory receptor 1Q1 (OST226) (Olfactory receptor 1Q2) (Olfactory receptor 1Q3) (Olfactory receptor 9-A) (OR9-A) (Olfactory receptor OR9-25) (Olfactory receptor TPCR106),FUNCTION: Odorant receptor. {ECO:0000305}.
Molecular Weight:	35.6 kDa
UniProt:	Q15612

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