

Datasheet for ABIN7550070

OR2A4 Protein (AA 1-310) (His tag)



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Overview

Quantity:	1 mg
Target:	OR2A4
Protein Characteristics:	AA 1-310
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OR2A4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat OR2A4 Protein expressed in mammalian cells.
Sequence:	MGDNITSIRE FLLLGFPVGP RIQMLLFGLF SLFYVFTLLG NGTILGLISL DSRLHAPMYF FLSHLAVVDI AYACNTVPRM LVNLLHPAKP ISFAGRMMQT FLFSTFAVTE CLLLVMMSYD LYVAICHPLR YLAIMTWVRC ITLAVTSWTT GVLLSLIHLV LLLPLPFCRP QKIYHFFCEI LAVLKLACAD THINENMVLA GAISGLVGPL STIVVSVMCI LCAILQIQSR EVQRKAFRTC FSHLCVIGLV YGTAIMYVG PRYGNPKEQK KYLLLFHSLF NPMLNPLICS LRNSEVKNTL KRVLGVERAL 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: Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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
Grade:	custom-made

Target Details

Target:	OR2A4
Alternative Name:	OR2A4 (OR2A4 Products)
Background:	Olfactory receptor 2A4 (Olfactory receptor 2A10) (Olfactory receptor OR6-37),FUNCTION: Odorant receptor. {ECO:0000305}.
Molecular Weight:	34.8 kDa
UniProt:	O95047

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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Handling

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