

[Go to Product page](#)

Datasheet for ABIN7550447
OR1D2 Protein (AA 1-312) (His tag)

Overview

Quantity:	1 mg
Target:	OR1D2
Protein Characteristics:	AA 1-312
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OR1D2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant OR1D2 Protein expressed in mammalian cells.
Sequence:	MDGGNQSEGS EFLLLGMSES PEQQRILFWM FLSMYLVTVV GNVLIILAISSDSRLHTPVY FFLANLSFTD LFFVTNTIPK MLVNLQSHNK AISYAGCLTQ LYFLVSLVAL DNLILAVMAY DRYVAICCPH YTTAMSPKL CILLSLCWV LSVLYGLIHT LLMTRVTFCH SRKIHIFCE MYVLLRMACS NIQINHTVLI ATGCFIFLIP FGFVIISYVL IIRAILRIPS VSKKYKAFST CASHLGAVSL FYGTLKMYVL KPLHTYSVKD SVATVMYAVV TPMMNPFHYS LRNKDMHGAL GRLLDKHFKR LT 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:	OR1D2
Alternative Name:	OR1D2 (OR1D2 Products)
Background:	Olfactory receptor 1D2 (Olfactory receptor 17-4) (OR17-4) (Olfactory receptor OR17-6) (Olfactory receptor-like protein HGMP07E),FUNCTION: Odorant receptor which may be involved in sperm chemotaxis. Bourgeonal is a strong chemoattractant for sperm in vitro and is shown to be a strong agonist for OR1D2 in vitro. May also function in olfactory reception. {ECO:0000269 PubMed:12663925, ECO:0000269 PubMed:15458659, ECO:0000269 PubMed:16820410}.
Molecular Weight:	35.2 kDa
UniProt:	P34982
Pathways:	Protein targeting to Nucleus

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.
--------------------	---

Application Details

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