

Datasheet for ABIN7550454  
**OR2C1 Protein (AA 1-312) (His tag)**



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## Overview

Quantity:	1 mg
Target:	OR2C1
Protein Characteristics:	AA 1-312
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OR2C1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant OR2C1 Protein expressed in mammalian cells.
Sequence:	MDGVNDSSLQ GFVLMGISDH PQLEMIFFIA ILFSYLLTLL GNSTIILSR LEARLHTPMY FFLSNLSSLD LAFATSSVPQ MLINLWGP GK TISYGGCITQ LYVFLWLGAT ECILLVMAF DRYVAVCRPL RYTAIMNPQL CWLLAVIACL GGLGNSVIQS TFTLQLPLCG HRRVEGFLCE VPAMIKLACG DTSLNQAVLN GVCTFFTAVP LSIIVISYCL IAQAVLKIRS AEGRRKAFNT CLSHLLVVFL FYGSASYGYL LPAKNSKQDQ GKFISLFYSL VTPMVNPLIY TLRNMEVKGA LRRLLGKGRE VG <b>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.</b>
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

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	OR2C1
Alternative Name:	OR2C1 ( <a href="#">OR2C1 Products</a> )
Background:	Olfactory receptor 2C1 (OLFmf3) (Olfactory receptor 2C2) (Olfactory receptor OR16-1) (Olfactory receptor OR16-2),FUNCTION: Olfactory receptor that is activated by the binding of organosulfur odorants with thioether groups such as (methylthio)methanetiol (MTMT) (By similarity). Also binds odorants acetophenone and benzaldehyde (By similarity). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase (By similarity). May be involved in the molecular processes underlying fasciculation and targeting of olfactory axons (By similarity). {ECO:0000250 UniProtKB:P23275}.
Molecular Weight:	34.4 kDa
UniProt:	<a href="#">O95371</a>

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## Application Details

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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.
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## Application Details

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Restrictions: For Research Use only

## Handling

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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