

Datasheet for ABIN7550235

Olfactory Receptor, Family 1, Subfamily J, Member 2 (OR1J2) (AA 1-313) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Olfactory Receptor, Family 1, Subfamily J, Member 2 (OR1J2)
Protein Characteristics:	AA 1-313
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat OR1J2 Protein expressed in mammalian cells.
Sequence:	<p>MSPENQSSVS EFLLLGLPIR PEQQAVFFTL FLGMYLTTVL GNLLIMLLIQ LDSHLHTPMY</p> <p>FFLSHLALTD ISFSSVTPVK MLMDMRTKYK SILYEECISQ MYFFIFFTDL DSFLITSMAY</p> <p>DRYVAICHPL HYTVIMREEL CVFLVAVSWI LSCASSLSHT LLLTRLSFCA ANTIPHVFCD</p> <p>LAALLKLSCS DIFLNELVMF TVGVVVITLP FMCILVSYGY IGATILRVPS TKGIHKALST</p> <p>CGSHLSVVSL YYGSIFGQYL FPTVSSSIDK DIVALMYTV VTPMLNPFYI SLRNRDMKEA</p> <p>LGKLFSRATF FSW 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.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

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:	Olfactory Receptor, Family 1, Subfamily J, Member 2 (OR1J2)
Alternative Name:	OR1J2 (OR1J2 Products)
Background:	Olfactory receptor 1J2 (HSA5) (HTPCR15) (OST044) (Olfactory receptor 1J3) (Olfactory receptor 1J5) (Olfactory receptor OR9-19),FUNCTION: Odorant receptor. {ECO:0000305}.
Molecular Weight:	35.4 kDa
UniProt:	Q8NGS2

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