

# Recombinant Human OR13A1, His-tagged

**Cat. No.** OR13A1-1465H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human OR13A1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                             |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>ProteinLength</b>    | 159-328aa                                                                                                                                                             |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | OR13A1 olfactory receptor, family 13, subfamily A, member 1 [Homo sapiens (human) ]                                                                                                                                                                |
| <b>Official Symbol</b> | OR13A1                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | OR13A1; olfactory receptor, family 13, subfamily A, member 1; olfactory receptor 13A1; olfactory receptor OR10-3; seven transmembrane helix receptor; olfactory receptor 2L13; olfactory receptor 2L14; olfactory receptor, family 2, subfamily L, |

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|                            |                                                                           |
|----------------------------|---------------------------------------------------------------------------|
|                            | member 14                                                                 |
| <b>Gene ID</b>             | 79290                                                                     |
| <b>mRNA Refseq</b>         | NM_001004297                                                              |
| <b>Protein Refseq</b>      | NP_001004297                                                              |
| <b>UniProt ID</b>          | Q8NGR1                                                                    |
| <b>Chromosome Location</b> | 10q11.21                                                                  |
| <b>Pathway</b>             | GPCR downstream signaling; Olfactory Signaling Pathway; Signaling by GPCR |
| <b>Function</b>            | G-protein coupled receptor activity; olfactory receptor activity          |

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