

# Recombinant Full Length Human Olfactory Receptor 52N1(Or52N1) Protein, His-Tagged

**Cat. No.** RFL19065HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human Olfactory receptor 52N1(OR52N1) Protein (Q8NH53) (1-320aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Full Length (1-320)                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MSFLNGTSLTPASFILNGIPGLEDVHLWISFPLCTMYSIAITGNFGLMYLIYCDEALHR<br>P MYVFLALLSFTDVLMTCTSTLPNTLFILWFNLKEIDFKACLAQMFFVHTFTGMESGVL<br>MLM ALDHCVAICFPLRYATILTNVIAKAGFLTFLRGVMLVIPSTFLTKRLPYCKGNVI<br>PHTY CDHMSVAKISCGNVRVNAIYGLIVALLIGGFDILCITISYTMILQAVVSLSSADAR<br>QKAF STCTAHFCAIVLTYVPAFFTFTHHFGGHTIPLHIHIIMANLYLLMPPTMNPVY<br>GVKTR QVRESVIRFFLKGKDNSHNF |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                             |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                                                                                                                                       |

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repeated freeze-thaw cycles.

**Storage Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**GENE INFORMATION****Gene Name**

OR52N1

**Synonyms**

OR52N1; Olfactory receptor 52N1; Olfactory receptor OR11-61

**UniProt ID**

[Q8NH53](#)

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