

Recombinant Human OR2H1 protein, GST-tagged

Cat. No. OR2H1-301249H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human OR2H1 (128-170 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu128-Gln170
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	LHYATIIHPRLCWQLASVAWVMSLVQSIVQTPSTLHLPLFCPHQ
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [OR2H1 olfactory receptor, family 2, subfamily H, member 1 \[Homo sapiens \]](#)

Official Symbol [OR2H1](#)

Synonyms [OR2H1](#); olfactory receptor, family 2, subfamily H, member 1; olfactory receptor, family 2, subfamily H, member 8 , [OR2H6](#), [OR2H8](#); olfactory receptor [2H1](#); [OR6 2](#); [OLFR42A-9004.14/9026.2](#); olfactory receptor [2H6](#); olfactory receptor [2H8](#); olfactory receptor [6-2](#); olfactory receptor [OR6-32](#); olfactory receptor, family 2, subfamily H, member 6; olfactory receptor, family 2, subfamily H, member 8; [OR2H6](#); [OR2H8](#); [OR6-2](#); [6M1-16](#); [HS6M1-16](#); [dJ994E9.4](#); [OLFR42A-9004-14](#);

Gene ID [26716](#)

mRNA Refseq [NM_030883](#)

Protein Refseq [NP_112145](#)

UniProt ID [Q9GZK4](#)

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