

Recombinant Human OR1A1 Full Length Transmembrane protein (1-309 aa), His-SUMO-tagged

Cat. No. OR1A1-2719H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OR1A1 Protein (1-309 aa) is produced by in vitro E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	1-309aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.6kDa
AA Sequence	MRENNQSSTLEFILLGVTGQQEQEDFFYILFLFIYPITLIGNLLIVLAICSDVRLHNP MYF LLANLSLVDIFFSSVTIPKMLANHLLGSKSISFGGCLTQMYFMIALGNTDSYILAAMAY DRAVAISRPLHYTTIMSPRSCIWLIAGSWVIGNANALPHTLLTASLSFCGNQE VANFY CDITPLLKLSCDIHFHVKMMYLGVGIFSVPLLCIIVSYIRVFSTVFQVPSTKGVLKA FS TCGSHLTVVSLEYGTVMGTYFRPLTNYSLKDAVITVMYTAVTPMLNPFIYSLRNRDM KAALRKLFNKRIS
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

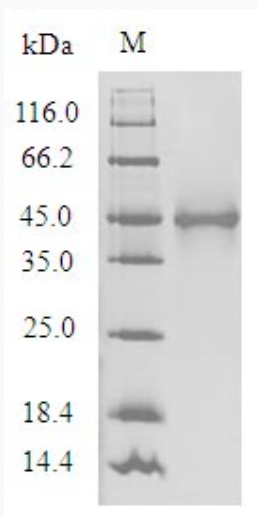
Gene Name	OR1A1 olfactory receptor, family 1, subfamily A, member 1 [Homo sapiens]
Official Symbol	OR1A1
Synonyms	OR1A1; olfactory receptor, family 1, subfamily A, member 1; olfactory receptor 1A1; OR17 7; olfactory receptor 17-7; olfactory receptor OR17-11; OR17-7;
Gene ID	8383
mRNA Refseq	NM_014565
Protein Refseq	NP_055380
UniProt ID	Q9P1Q5

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SDS-PAGE



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