

Recombinant Full Length Human Olfactory Receptor 51M1(Or51M1) Protein, His-Tagged

Cat. No. RFL15320HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Olfactory receptor 51M1(OR51M1) Protein (Q9H341) (1-315aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-315)
Form	Lyophilized powder
AA Sequence	M L L S N I T Q F S P I F Y L T S F P G L E G I K H W I F I P F F F M Y M V A I S G N C F I L I I I K T N P R L H T P M Y Y L L S L L A L T D L G L C V S T L P T T M G I F W F N S Q S I Y F G A C Q I Q M F C I H S F S F M E S S V L L M M S F D R F V A I C H P L R Y S V I I T G Q Q V V R A G L I V I F R G P V A T I P I V L L L K A F P Y C G S V V L S H S F C L H Q E V I Q L A C T D T T F N N L Y G L M V V V F T V M L D L V L I A L S Y G L I L H T V A G L A S Q E E Q R R A F Q T C T A H L C A V L V F F V P M M G L S L V H R F G K H A P P A I H L L M A N V Y L F V P P M L N P I I Y S I K T K E I H R A I I K L L G L K K A S K
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	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

OR51M1

Synonyms

OR51M1; Olfactory receptor 51M1; Odorant receptor HOR5'beta7; Olfactory receptor OR11-40

UniProt ID

[Q9H341](#)

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