

Recombinant Full Length Human Olfactory Receptor 4E2(Or4E2) Protein, His-Tagged

Cat. No. RFL32574HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Olfactory receptor 4E2(OR4E2) Protein (Q8NGC2) (1-313aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-313)
Form	Lyophilized powder
AA Sequence	<p> MDSL NQTRVTEFVFLGLTDNRVLEMLFFMAFS AIYMLT LSGN I L I I I A T V F T P S L H T P M Y F F L S N L S F I D I C H S S V T V P K M L E G L L L E R K T I S F D N C I T Q L F F L H L F A C A E I F L L I I V A Y D R Y V A I C T P L H Y P N V M N M R V C I Q L V F A L W L G G T V H S L G Q T F L T I R L P Y C G P N I I D S Y F C D V P L V I K L A C T D T Y L T G I L I V T N S G T I S L S C F L A V V T S Y M V I L V S L R K H S A E G R Q K A L S T C S A H F M V V A L F F G P C I F I Y T R P D T S F S I D K V V S V F Y T V V T P L L N P F I Y T L R N E E V K S A M K Q L R Q R Q V F F T K S Y T </p>
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**

OR4E2

Synonyms

OR4E2; Olfactory receptor 4E2; Olfactory receptor OR14-42

UniProt ID

[Q8NGC2](#)

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