

OR13A1 Protein, Human (Cell-Free, His)

Cat. No.:	HY-P702404
Synonyms:	Olfactory receptor 13A1; Olfactory receptor OR10-3
Species:	Human
Source:	E. coli Cell-free
Accession:	Q8NGR1 (M1-N328)
Gene ID:	79290
Molecular Weight:	39.3 kDa

PROPERTIES

AA Sequence	<pre> M K L W M E S H L I V P E T R P S P R M M S N Q T L V T E F I L Q G F S E H P E Y R V F L F S C F L F L Y S G A L T G N V L I T L A I T F N P G L H A P M Y F F L L N L A T M D I I C T S S I M P K A L A S L V S E E S S I S Y G G C M A Q L Y F L T W A A S S E L L L L T V M A Y D R Y A A I C H P L H Y S S M M S K V F C S G L A T A V W L L C A V N T A I H T G L M L R L D F C G P N V I I H F F C E V P P L L L L S C S S T Y V N G V M I V L A D A F Y G I V N F L M T I A S Y G F I V S S I L K V K T A W G R Q K A F S T C S S H L T V V C M Y Y T A V F Y A Y I S P V S G Y S A G K S K L A G L L Y T V L S P T L N P L I Y T L R N K E V K A A L R K L F P F F R N </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	OR13A1 functions as an odorant receptor.
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Caution: Product has not been fully validated for medical applications. For research use only.

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