

OR5AL1 Protein, Human (Cell-Free, His)

Cat. No.:	HY-P702405
Synonyms:	Olfactory receptor 5AL1; Olfactory receptor OR11-184
Species:	Human
Source:	E. coli Cell-free
Accession:	POC617 (M1-K328)
Gene ID:	/
Molecular Weight:	39.6 kDa

PROPERTIES

AA Sequence

MCALKGFLEE	NFYTYSVAKG	NHSTVYEFIL	LGLTDNAELQ
VTLFGIFLVV	YLASFMGNFG	LIMLIQIS PQ	LHTPMYFFLS
H L A F V D F S F T	S S V A P N T L V N	F L C E V K S I T F	Y A C A I Q V C C F
I T F V V C E L Y L	L S I M A Y D R Y V	A I C N P L L Y V I	L I P R K C I K L I
A S T Y V Y G F T V	G L V Q T V A T S Y	L S F C D S N V I N	H F Y H D D V P L V
A L A C S D T H V K	E L M L L I I A G F	N T L C S L V I V L	I S Y G F I F F A I
L R I H S A E G R Q	K A F S T S A S H L	T S I T I F Y G T I	I F M Y P Q P K S S
H S L N M D K V A S	V F N V V V I P T L	N P L I Y S L R N Q	E V K N A L K R I I
E K L C L A V K			

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 ddH₂O. 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

OR5AL1 functions as an odorant receptor.

Caution: Product has not been fully validated for medical applications. For research use only.

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