

Proteoliposomes

Full-Length

# OR1E1 (Human) Recombinant Protein

Catalog # H00008387-G01

Size 2 ug

## Specification

<b>Product Description</b>	Human OR1E1 full-length ORF (ENSP00000313384) recombinant protein without tag. This product is belong to Proteoliposome (PL).
<b>Sequence</b>	MMGQNQTSISDFLLGLPIQPEQQNLCYALFLAMYLTTLLGNLLIMLRLDSHLHTPMYLFSLNLSFS DLCFSSVTIPKLLQNMQNQDPSIPYADCLTQMYFFLLFGDLESFLLVAMAYDRYVAICFPLHYTAIM SPMLCLALVALSWVLTTFHAMLHTLLMARLCFCADNVIPHFFCDMSALLKLAFSOTRVNEWVIFIM GGLILVIPFLLILGSYARIVSSILKVPSSKGICKAFSTCGSHLSVVSIFYGTVIGLYLCSSANSSTLKDT VMAMMYTVVTPMLNPFYSLRNRDMKGALSRVHQKKTFFSL
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	35.3
<b>Form</b>	Liquid
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system with proprietary liposome technology</a>
<b>Purification</b>	None
<b>Recommend Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Antibody Production

## Gene Info — OR1E1

Entrez GeneID	<a href="#">8387</a>
GeneBank Accession#	<a href="#">ENST00000322608</a>
Protein Accession#	<a href="#">ENSP00000313384</a>
Gene Name	OR1E1
Gene Alias	HGM071, OR13-66, OR17-2, OR17-32, OR1E5, OR1E6, OR1E8P, OR1E9P, OST547
Gene Description	olfactory receptor, family 1, subfamily E, member 1
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq]
Other Designations	OTTHUMP00000115802 olfactory receptor OR17-18 olfactory receptor OR17-4 olfactory receptor, family 1, subfamily E, member 5 olfactory receptor, family 1, subfamily E, member 6 olfactory receptor, family 1, subfamily E, member 8 pseudogene olfactory recept

## Pathway

- [Olfactory transduction](#)

## Disease

- [Tobacco Use Disorder](#)