

Proteoliposomes

Full-Length

OR1F1 (Human) Recombinant Protein

Catalog # H00004992-G01

Size 2 ug

Specification

Product Description

Human OR1F1 full-length ORF (NP_036492.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MSGTNQSSVSEFLLLGLSRQPQQQHLLFVFFLSMYLATVLGNLLIILSVSIDSCLHTPMYFFLSNLS
FVDICFSFTTPKMLANHILETQTISFCGCLTQMYFVFMFVDMDNFLLAVMAYDHFVAVCHPLHYT
AKMTHQLCALLVAGLWVVANLNVLLHTLLMAPLSFCADNAITHFFCDVTPLLKLSCSDTHLNEVIL
SEGALVMITPFLCILASYMHITCTVLKVPSTKGRWKAFASTCGSHLAVVLLFYSTIIAVYFNPLSSHSA
EKDTMATVLYTVVTPMLNPFYSLRNRYLKGALKKVVGRVFSV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

34.9

Interspecies Antigen Sequence

Rat (80)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — OR1F1

Entrez GeneID	4992
GeneBank Accession#	NM_012360.1
Protein Accession#	NP_036492.1
Gene Name	OR1F1
Gene Alias	OLFMF, OR16-36, OR16-37, OR16-88, OR16-89, OR16-90, OR1F10, OR1F13P, OR1F4, OR1F5, OR1F6, OR1F7, OR1F8, OR1F9, OR3-145, ORL1023
Gene Description	olfactory receptor, family 1, subfamily F, member 1
Omim ID	603232
Gene Ontology	Hyperlink
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	OTTHUMP00000115580 olfactory receptor OR16-4 olfactory receptor, family 1, subfamily F, member 10 olfactory receptor, family 1, subfamily F, member 13 pseudogene olfactory receptor, family 1, subfamily F, member 4 olfactory receptor, family 1, subfamily F

Pathway

- [Olfactory transduction](#)