

Proteoliposomes

Full-Length

OR7A5 (Human) Recombinant Protein

Catalog # H00026659-G01

Size 2 ug

Specification

Product Description

Human OR7A5 full-length ORF (NP_059976.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MEPGNDTQISEFLLLGFSSQEPGLQPFLFGLFLSMYLVTVLGNLLIILATISDSHLHTPMYFFLSNLSF
ADICVTSTTIPKMLMNIQTQNKVITYACLMMQMYFFILFAGFENFLLSVMAYDRFVAICHPLHYMVIMN
PHLCGLLVLASWTMSALYSLLQILMVVRLSFCTALEIPHFFCELNQVIQLACSDSFLNHMVIYFTVAL
LGGGPLTGILYSYSKIISIIHAISSAQGKYKAFSTCASHLSVVSLFYGAILGVYLSSAATRNHSSATA
SVMYTVVTPMLNPFYSLRNKDIKRALGIHLLWGTMTKGQFFKKCP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

35.6

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 — OR7A5

Entrez GeneID	26659
GeneBank Accession#	NM_017506.1
Protein Accession#	NP_059976.1
Gene Name	OR7A5
Gene Alias	HTPCR2
Gene Description	olfactory receptor, family 7, subfamily A, member 5
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	olfactory receptor OR19-17 olfactory receptor, family 7, subfamily A, member 5 pseudogene

Pathway

- [Olfactory transduction](#)