

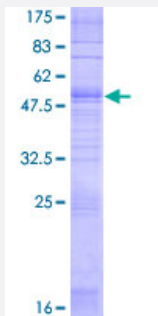
## Full-Length

# OR2B6 (Human) Recombinant Protein (P01)

Catalog # H00026212-P01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human OR2B6 full-length ORF ( NP_036499.1, 1 a.a. - 313 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MNWNDSIIQEFILLGFSDRPWLEFPLLVVFLISYTVTIFGNLTILVSRLDTKLHTPMYFFLTNLSLLDL CYTCTVPQMLVNLCSIRKVISYRGCVQLFIFLALGATEYLLAVMSFDRFVAICRPLHYSVIMHQR LCLQLAAASWVTGFSNSVWLSTLTQLPLCDPYVIDHFLCEVPALLKLSCVETTANEAEFLVSEL FHLIPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCGSHLIVSLFYSTAVSVYLQPPSPSSKDQGKMV SLFYGIAPMLNPLIYTLRNKEVKEGFKRLVARVFLIKK
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	61.8
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — OR2B6

Entrez GeneID	<a href="#">26212</a>
GeneBank Accession#	<a href="#">NM_012367.1</a>
Protein Accession#	<a href="#">NP_036499.1</a>
Gene Name	OR2B6
Gene Alias	MGC120190, MGC129828, OR2B1, OR2B1P, OR2B5, OR2B6P, OR5-40, OR5-41, OR6-31, dJ408B20.2
Gene Description	olfactory receptor, family 2, subfamily B, member 6
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	OTTHUMP00000016193 olfactory receptor OR6-4 olfactory receptor, family 2, subfamily B, member 1 pseudogene olfactory receptor, family 2, subfamily B, member 5 olfactory receptor, family 2, subfamily B, member 6 pseudogene

## Pathway

- [Olfactory transduction](#)