

PRODUCT INFORMATION

Target	OR51E2
Synonyms	PSGR; HPRAJ; OR52A2; OR51E3P
Description	Recombinant human OR51E2 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9H255
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	OR51E2(Met1-His23) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 28.6 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated



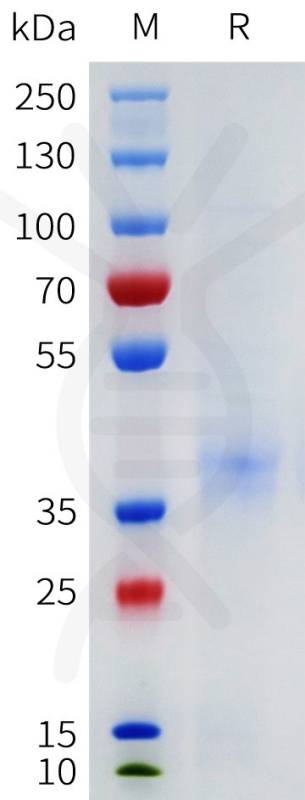


Figure 1. Human OR51E2 Protein, hFc Tag on SDS-PAGE under reducing condition.

