

Product datasheet

Recombinant Human Olfactory receptor 10X1 protein ab165297

1 Image

Overview

Product name	Recombinant Human Olfactory receptor 10X1 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	<p>MKINQILKEFILVGFVSVYPHVQTFVFFCLYLLTLAG NLIIMGLTWV DRSLHTPMYFLSALSFSSETCYLTVPKMLEDLLAKDR SISVTGCSLQM CFFLGLGGTNCIILTMGYDRFLAICNPLRYPLLMTNVC GQLVASACTA GFFISLTETALIFRDSFCRPNLVKHFFCHMLAVIRLSCID SNHTEFIITL ISVSGLLGTLIIIITDVFIIISTVLRIPSAEGKQKAFTTCAS HLTVVIIH FGFASIVYLKPEASGDDTLIAVPYTVITPFLSPIIFSLRNK DMKNAFRRM MGNTVALKK</p>
Amino acids	1 to 309
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab165297** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid

Additional notes

Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

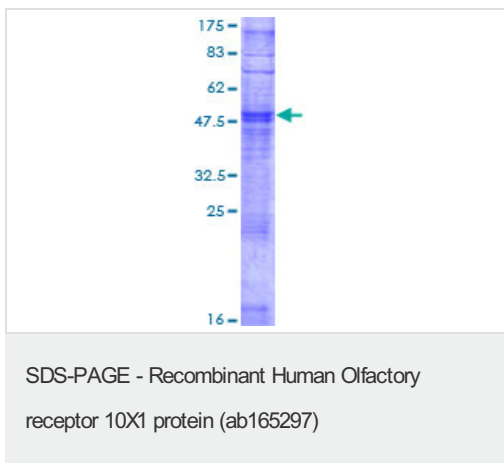
Relevance

OR10X1 is an odorant receptor. Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. These proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes and 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.

Cellular localization

Plasma membrane; Multi-pass membrane protein.

Images



ab165297 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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