

Recombinant Human OBP2A protein, MYC/DDK-tagged

Cat. No. OBP2A-136H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human OBP2A fused with MYC/DDK tag at C-terminal was expressed in HEK293 .
Species	Human
Source	HEK293
Description	This gene encodes a small extracellular protein belonging to the lipocalin superfamily. The protein is thought to transport small, hydrophobic, volatile molecules or odorants through the nasal mucus to olfactory receptors, and may also function as a scavenger of highly concentrated or toxic odors. The protein is expressed as a monomer in the nasal mucus, and can bind diverse types of odorants with a higher affinity for aldehydes and fatty acids. This gene and a highly similar family member are located in a cluster of lipocalin genes on chromosome 9. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	17.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name OBP2A odorant binding protein 2A [Homo sapiens (human)]

Official Symbol OBP2A

Synonyms OBP2A; OBP; OBP2C; OBPIIa; hOBPIIa; odorant binding protein 2A; odorant-binding protein 2a; odorant-binding protein Iia; putative odorant-binding protein 2c

Gene ID 29991

mRNA Refseq NM_014582

Protein Refseq NP_055397

MIM 164320

UniProt ID Q9NY56

Chromosome Location 9q34

Function odorant binding

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