

Recombinant Human OMP protein, His-tagged

Cat. No. OMP-355H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human OMP protein (Ala2-Leu163) was fused to His-tag at N-terminus and expressed in E.coli.
Species	Human
Source	HEK293
ProteinLength	Ala2-Leu163
Description	Olfactory marker protein (OMP), a member of the olfactory marker protein family, is also known as olfactory neuronal-specific protein, which is uniquely associated with mature olfactory receptor neurons. OMP can interact with BEX1 and BEX2. OMP may act as a modulator of the olfactory signal-transduction cascade. Furthermore, immunocytochemical analysis has demonstrated that expression of the olfactory marker protein (OMP) is highly restricted to mature olfactory receptor neurons in virtually all vertebrate species from fish to man.
Predicted N Terminal	Met
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH8.0, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 19.8 kDa. The protein migrates as 18 kDa under reducing (R) condition (SDS-PAGE).

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	<p>For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.</p> <p>Please avoid repeated freeze-thaw cycles.</p> <p>This product is stable after storage at:</p> <p>-20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.</p>
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

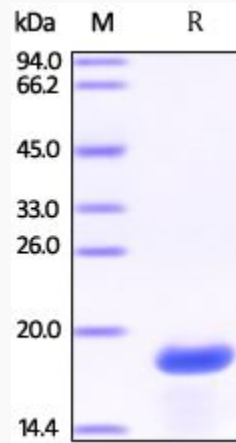
Gene Name	OMP
Official Symbol	OMP
Synonyms	Olfactory marker protein
Gene ID	4975
mRNA Refseq	NM_006189.1
Protein Refseq	NP_006180.1
MIM	164340
UniProt ID	P47874

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**SDS-PAGE of OMP-
355H**



Human Olfactory Marker Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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