

## Recombinant Human OMP cell lysate

Cat. No. OMP-1250HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	Olfactory marker protein is uniquely associated with the mature olfactory receptor neurons in many vertebrate species from fish to man. The OMP gene structure and protein sequence are highly conserved between mouse, rat and human. Results of the mouse knockout studies show that OMP-null mice are compromised in their ability to respond to odor stimuli, and that OMP represents a novel modulatory component of the odor detection/signal transduction cascade.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	OMP olfactory marker protein [ Homo sapiens ]
<b>Official Symbol</b>	OMP
<b>Synonyms</b>	OMP; olfactory marker protein; olfactory neuronal-specific protein;
<b>Gene ID</b>	4975

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<b>mRNA Refseq</b>	NM_006189
<b>Protein Refseq</b>	NP_006180
<b>MIM</b>	164340
<b>UniProt ID</b>	P47874
<b>Chromosome Location</b>	11q14-q21
<b>Function</b>	signal transducer activity;

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