

Recombinant Mouse OLFM4 Protein

Cat. No. OLFM4-3222M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse OLFM4 Protein without tag was expressed in HEK293.
Species	Mouse
Source	HEK293
Description	Predicted to enable cadherin binding activity and structural molecule activity. Acts upstream of or within negative regulation of I-kappaB kinase/NF-kappaB signaling and negative regulation of immune response. Located in extracellular space. Is expressed in bone marrow; colon; intestine; metanephros; and small intestine. Orthologous to human OLFM4 (olfactomedin 4).
Molecular Mass	The recombinant mouse OLFM4 consists of 538 amino acids and predicts a molecular mass of 60.9 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of recombinant mouse OLFM4 is approximately 65-70 kDa due to different glycosylation.
Purity	> 95% by SDS-PAGE
Storage	Store it at +4 centigrade for short term (4 weeks). For long term storage(12 months), store it at -20 centigrade from date of receipt. After reconstitution, prepare aliquots and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.
Storage Buffer	25 mM Tris-HCl, pH7.4, 300 mM NaCl, 1 mM DTT, 5% Trehalose.

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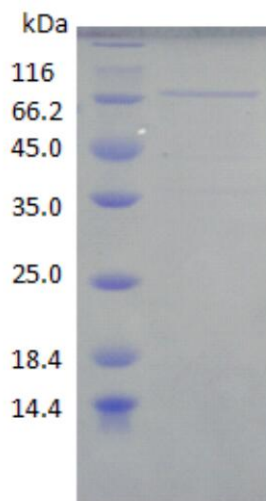
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GENE INFORMATION

Gene Name	Olfm4 olfactomedin 4 [Mus musculus (house mouse)]
Official Symbol	Olfm4
Synonyms	Olfm4; olfactomedin 4; GC1; OlfD; pPD4; GW112; Gm296; Gm913; olfactomedin-4; OLM4; PU.1 difference product 4
Gene ID	380924
mRNA Refseq	NM_001351947
Protein Refseq	NP_001338876
UniProt ID	Q3UZZ4

Reducing SDS-PAGE
profiles of purified
mouse OLFM4 (CBB
stained)



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