Recombinant Human OLFM1 Protein, His-tagged

Cat. No. OLFM1-2528H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OLFM1 Protein (Ala153-Gly420) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala153-Gly420
Description	This gene product shares extensive sequence similarity with the rat neuronal olfactomedin-related ER localized protein. While the exact function of the encoded protein is not known, its abundant expression in brain suggests that it may have an essential role in nerve tissue. Several alternatively spliced transcripts encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.5 kDa Accurate Molecular Mass: 33 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	OLFM1 olfactomedin 1 [Homo sapiens (human)]
Official Symbol	OLFM1
Synonyms	OLFM1; olfactomedin 1; noelin; AMY; NOE1; NOELIN; OlfA; pancortin 1; olfactomedin-1; neuroblastoma protein; olfactomedin related ER localized protein; neuronal olfactomedin-related ER localized protein; NOELIN1;
Gene ID	10439
mRNA Refseq	NM_006334
Protein Refseq	NP_006325
MIM	605366
UniProt ID	Q99784

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