

Active Recombinant Human OLFM2 Protein, His-tagged

Cat. No. OLFM2-802H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human OLFM2 (Accession # NP_477512) Gln21-Pro454, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Gln21-Pro454
Predicted N Terminal	No results obtained: Gln21 predicted
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of HEK293T human embryonic kidney cells. When 5 x 10 ⁴ cells per well are added to human Olfactomedin-2 coated plates (1 µg/mL, 100 µL/well), approximately 50% - 75% will adhere after 1 hour at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human OLFM2, His-tagged has a calculated MW of 50 kDa. In SDS-PAGE migrates as 55-75 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name OLFM2 olfactomedin 2 [Homo sapiens]

Official Symbol OLFM2

Synonyms NOE2; OlfC; NOELIN2; NOELIN2_V1

Gene ID [93145](#)

mRNA Refseq [NM_058164.2](#)

Protein Refseq [NP_477512.1](#)

MIM

UniProt ID O95897

Chromosome Location 19p13.2

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