

Recombinant Human OLFML3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. OLFML3-1815H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OLFML3 MS Standard C13 and N15-labeled recombinant protein (NP_064575) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the olfactomedin-like gene family which also includes genes encoding noelin, tiarin, myocilin, amassin, optimedlin, photomedlin, and latrophilin. The encoded protein is a secreted extracellular matrix glycoprotein with a C-terminal olfactomedin domain that facilitates protein-protein interactions, cell adhesion, and intercellular interactions. It serves as both a scaffold protein that recruits bone morphogenetic protein 1 to its substrate chordin, and as a vascular tissue remodeler with pro-angiogenic properties. Alternative splicing results in multiple transcript variants.
Molecular Mass	46 kDa
AA Sequence	MGPSTPLLILFLLSWGPLQGQQHHLVEYMERRLAAL EERLAQCQDQSSRHAAELR DFKNKMLPLLEVAEKEREALRTEADTISGRVDRLEREVDYLETQNPALPCVEFDEKV TGGPGTKGKGRRNEKYDMVTDCGYTISQVRSMKILKRFGGPAGLWTKDPLGQTEKI YVLDGTQNDTAFVFPRLRDFTLAMAARKASRVVPFPWVG TGQLVYGGFLYFARR PPGRPGGGGEMENTLQLIKFHLANRTVVDSSVFPAEGLIPPYGLTADTYIDLAADDEE

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GLWAVYATREDDRHLCCLAKLDPQTLDTQQWDTPCPRENAEAAFCVIGTLYVVYNT
 RPASRARIQCSFDASGTLTPERAALPYFPFRRYGAHASLRYNPRERQLYAWDDGYQI
 VYKLEMRKKEEEVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name OLFML3 olfactomedin-like 3 [Homo sapiens (human)]

Official Symbol OLFML3

Synonyms OLFML3; olfactomedin-like 3; olfactomedin-like protein 3; HNOEL iso; OLF44; hOLF44; HNOEL-iso;

Gene ID 56944

mRNA Refseq NM_020190

Protein Refseq NP_064575

MIM 610088

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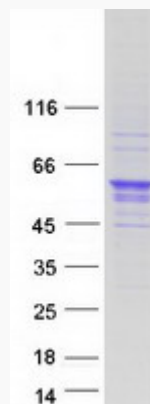
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UniProt ID

Q9NRN5

SDS-PAGE

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