

Recombinant Human OLFML3, His-tagged

Cat. No. OLFML3-107H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human Olfactomedin-Like Protein 3/OLFML3 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gln22-Val406) of Human OLFML3 fused with a 6His tag at the C-terminus.

Species Human

Source HEK293

ProteinLength 22-406 a.a.

Description Olfactomedin-Like Protein 3 (OLFML3) belongs to the OLFML3 family. OLFML3 is a secreted protein and contains one olfactomedin-like domain. In term placenta, OLFML3 is mainly localized extracellularly surrounding the syncytiotrophoblastic cells. OLFML3 is highly expressed in the placenta, moderate expressed in the liver and heart, with fairly weak expression in other tissues. It is shown that OLFML3 may have matrix-related function involved in human placental and embryonic development, or it may play a similar role in other physiological processes. In addition, OLFML3 plays an essential role in dorso-ventral patterning during early development.

AA Sequence QQHHLVEYMERRLAALAEERLAQCQDQSSRHAAELRDFKNKMLPLLEVAEKEREALR
TEADTISGR VDRLEREVDYLETQNPALPCVEFDEKVTGGPGTKGKGRNEKYDMV
TDCGYTISQVRSMKILKRF GGPAGLWTKDPLGQTEKIYVLDGTQNDTAFVFPRLRD
FTLAMAARKASRVRVPPFWVGTGQLVYG GFLYFARRPPGRPGGGGEMENTLQLIK
FHLANRTVVDSSVFPAEGLIPPYGLTADTYIDLADEE GLWAVYATREDDRHLCCLAK

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LDPQTLDTQQWDTPCPRENAEAAFVICGTLVVYNTRPASRARIQ CSFDASGTLT
 PERAALPYFPRRYGAHASLRYNPRERQLYAWDDGYQIVYKLEMRKKEEEVVDHHH
 HHH

Endotoxin Less than 0.1 ng/μg (1 IEU/μg).

Purity Greater than 95% as determined by reducing SDS-PAGE.

GENE INFORMATION

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

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](#)

UniProt ID [Q9NRN5](#)

Chromosome Location 1p13.1

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