

Product datasheet for PH300923

OLFML3 (NM_020190) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OLFML3 MS Standard C13 and N15-labeled recombinant protein (NP_064575)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200923
Predicted MW:	46 kDa
Protein Sequence:	>RC200923 protein sequence Red=Cloning site Green=Tags(s)
	MGPSTPLLILFLLSWSGPLQGQQHHLVEYMERRLAALEERLAQCQDQSSRHAAELRDFKNKMLPLLEVAE KEREALRTEADTISGRVDRLEREVDYLETQNPALPCVEFDEKVTGGPGTKGKRRNEKYDMVTDGTYIS QVRSMKILKRFGGPAGLWTKDPLGQTEKIYVLDGTQNDTAFVFPRLRDFTLAMAARKASRVVPPFWGT GQLVYGGFLYFARRPPGRPGGGEMENTLQLIKFHLANRTVVDSSVFPAEGLIPPYGLTADTYIDLADE EGLWAVYATREDDRHLCIAKLDPQTLDEQQWDTCPRENAEAFVICGTLVYVYNTRPASRARIQCSFD ASGTLTPERAALPYFPRRYGAHASLRYNPRERQLYAWDDGYQIVYKLEMRKKEEV
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_064575</u>
RefSeq Size:	1854
RefSeq ORF:	1218
Synonyms:	HNOEL-iso; OLF44
Locus ID:	56944



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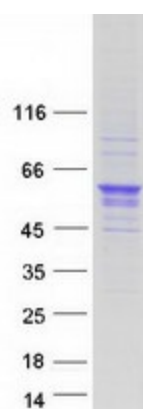
UniProt ID: [Q9NRN5](#), [M1LAK4](#)

Cytogenetics: 1p13.2

Summary: 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. [provided by RefSeq, Feb 2017]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified OLFML3 protein (Cat# [TP300923]). The protein was produced from HEK293T cells transfected with OLFML3 cDNA clone (Cat# [RC200923]) using MegaTran 2.0 (Cat# [TT210002]).