

Recombinant Human OLFM4 Protein

Cat. No. OLFM4-561H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human OLFM4 protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	510
Description	This gene was originally cloned from human myeloblasts and found to be selectively expressed in inflamed colonic epithelium. This gene encodes a member of the olfactomedin family. The encoded protein is an antiapoptotic factor that promotes tumor growth and is an extracellular matrix glycoprotein that facilitates cell adhesion.
Form	Lyophilized
Molecular Mass	56 kDa
AA Sequence	MRPGLSFLLALLFFLGQAAGDLGDVGPPIPSGPFSSFPDSSSSSFSSSSRSGSSSS RSLGSGGSVSQLFSNFTGSVDDRGTCQCSVSLPDTPVDRVERLEFTAHVLSQKF EKELSKVREYVQLISVYEKLLNLTVRIDIMEKDTISYTELDFELIKVEVKEMEKLVIQLK ESFGGSSEIVDQLEVEIRNMTLLVEKLETLDKNNVLAIRREIVALKTKLKECEASKDQN TPVVHPPPTPGSCGHGGVVNISKPSVVQLNWRGFSYLYGAWGRDYSPQHHPNKGLY WVAPLNTDGRLLLEYRLYNTLDDLLLYINARELRITYGQGSSTAVYNNNMYVNMNT GNIARVNLTTNTIAVTQTLNAAAYNNRFSYANVAWQDIDFAVDENGLWVIYSTEAST GNMVISKLNDDTLQVLNTWYTKQYKPSASNAFMVCGVLYATRMTMNRTEEIFYYDYD

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NTGKEGKLDIVMHKMQEKVQSINYNPFDQKLYVYNDGYLLNYDLSVLQKPQ

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution (reconst).

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name OLFM4 olfactomedin 4 [Homo sapiens (human)]

Official Symbol OLFM4

Synonyms OLFM4; olfactomedin 4; olfactomedin-4; GC1; GW112; OlfD; antiapoptotic protein GW112; G-CSF-stimulated clone 1 protein; OLM4; hGC-1; hOLFID; UNQ362; bA209J19.1; KIAA4294;

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Gene ID	10562
mRNA Refseq	NM_006418
Protein Refseq	NP_006409
MIM	614061
UniProt ID	Q6UX06

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