

Recombinant Human OLFM4 protein (His tag)
ab215595

Description	
Product name	Recombinant Human OLFM4 protein (His tag)
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	Mammalian
Accession	<u>Q6UX06</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	DLGDVGPPIPSPGFSSFPGVDSSSSFSSSSRSGSSSSRS LGSGGSVSQLF SNFTGSVDDRGTCCQCSVSLPDTTFPVDRVERLEFTAHL SQKFEKELSKV REYVQLISVYEKKLLNLTVRIDIMEKDTISYTELDFELIKVEVK EMEKL IQLKESFGGSSEMDQLEVEIRNMILLVEKLETLDKNNVLAI RREVALK TKLKECEASKDQNTPVVHPPTPGSCGHGGVNVISKPSV VQLNWRGFSYL YGAWGRDYSQHPNKGLYWVAPLNTDGRLLYYRLYNTL DDLLEYINARE LRITYGQGS GTAVYNNMYVNMNTGNIARVNLTNTIAVTQ TLPNAAYN NRFSYANVAWQDIDFAVDENGLWVIYSTEASTGNMVISKL NDTTLQVLNT WYTKQYKPSASNAFMVCGVLYATRTMNTREEIFYYYDTNT GKEGKLDIV MHKMQEKVQSINYPFDQKLYVYNDGYLLNYDLSVLQKPQ GGGGSHHHHH HHHHH
Predicted molecular weight	57 kDa including tags
Amino acids	21 to 510

Tags	His tag C-Terminus
Additional sequence information	Corresponding to full length mature protein without signal peptide.

Specifications

Our **Abpromise guarantee** covers the use of **ab215595** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	<p>Shipped at 4°C. Store at -20°C long term.</p> <p>pH: 7.40</p> <p>Constituent: 100% PBS</p> <p>Lyophilized from a 0.2 µm filtered solution</p>
Reconstitution	<p>Reconstitute with ddH₂O to a concentration no less than 100 µg/mL. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>

General Info

Function	An antiapoptotic factor that promotes tumor growth. Promotes proliferation of pancreatic cancer cells by favoring the transition from the S to G2/M phase. Facilitates cell adhesion.
Tissue specificity	Expressed during myeloid lineage development. Strongly expressed in the prostate, small intestine and colon and moderately expressed in the bone marrow and stomach. Highly expressed in pancreatic cancer tissues and shows an elevated expression level during the early S phase of the cell cycle. Also expressed at high levels in stomach cancer and colon cancer tissues.
Sequence similarities	Contains 1 olfactomedin-like domain.
Domain	The olfactomedin-like domain is involved in the interaction with cadherin.
Post-translational modifications	N-glycosylated.
Cellular localization	Secreted > extracellular space. According to PubMed:15059901, found in mitochondrion and nucleus.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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