

Recombinant Human OLFM4 Protein

Catalog #	Source	Reactivity	Applications
CRP2783	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human OLFM4 Protein is produced by mammalian expression system and the target gene encoding Asp21-Gln510 is expressed with a 10His tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	OLFM4
Alternative Names	GW112; Olfactomedin-4; OLM4; Antiapoptotic protein GW112; G-CSF-stimulated clone 1 protein; hGC-1; hOLfD
Entrez Gene	10562 (Human)
SwissProt	Q6UX06 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	DLGDVGPPIP SPGFSSFPGV DSSSFSSSS RSGSSSSRSL GSGGSVSQLF SNFTGSVDDR GTCQCSVSLP DTTFPVDRVE RLEFTAHVLS QKFEKELSKV REYVQLISVY EKLLNLTVR IDIMEKDTIS YTELDFELIK VEVKEMEKLIV IQLKESFGGS SEIVDQLEVE IRNMTLLVEK LETLDKNNVL AIRREIVALK TKLKECEASK DQNTPVVHPP PTPGSCGHGG VVNISKPSVV QLNWRGFSYL YGAWGRDYSP QHPNKGLYWV APLNTDGRLL EYRLYNTLD DLLLYINARE LRITYGQGS G TAVYNNMYV NMYNTGNIAR VNLTTNTIAV TQTLPNAAYN NRFSYANVAW QDIDFAVDEN GLWVIYSTE A STGNMVISKL NDTTLQVLNT WYTKQYKPSA SNAFMVCGVL YATRTMNTRT EEIFYYDTN TGKEGKLDIV MHKMQEKVQS INYNPFDQKL YVYNDGYLLN YDLSVLQKPQ GGGGSHHHHH HHHHH
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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