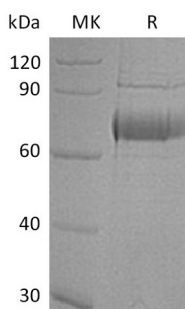


概述 (Summary)

英文全称	Olfactomedin-4/OLFM4
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Olfactomedin-4 is produced by our Mammalian expression system and the target gene encoding Asp21-Gln510 is expressed with a 10His tag at the C-terminus.
Accession #	Q6UX06
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	56.9 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, 5%Trehalose, PH7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human OLFM4 (C-10His)
Catalog #: PHH1249



背景 (Background)

分子别名 (Alternative Names)

Olfactomedin-4; OLM4; Antiapoptotic protein GW112; G-CSF-stimulated clone 1 protein; hGC-1; hOLfD; OLFM4; GW112

背景介绍 (References)

Olfactomedin-4/OLFM4 is a secreted protein which contains one olfactomedin-like domain. OLFM4 is expressed during myeloid lineage development, it strongly expressed in the prostate, small intestine, colon and moderately expressed in the bone marrow and stomach. OLFM4 is an antiapoptotic factor that promotes tumor growth. It expressed at high levels in stomach cancer and colon cancer tissues. It promotes proliferation of pancreatic cancer cells by favoring the transition from the S to G2/M phase. In myeloid leukemic cell lines, OLFM4 inhibits cell growth and induces cell differentiation and apoptosis. Through interaction with cell surface lectins and cadherin, OLFM4 facilitates cell adhesion. It may play a role in the inhibition of EIF4EBP1 phosphorylation/deactivation. Induction of OLFM4 in cancer cells was reported to have a novel antiapoptotic action via binding to the potent apoptosis inducer GRIM-19.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.