

Active Recombinant Full Length Human ITLN1 Protein, Tag Free

Cat. No. ITLN1-29874TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Full Length Human ITLN1 Protein without tag was expressed in Mouse myeloma cell line.
Species	Human
Source	Mouse myeloma cell line
ProteinLength	1-313 aa
Description	Enables calcium ion binding activity; identical protein binding activity; and oligosaccharide binding activity. Involved in positive regulation of D-glucose import; positive regulation of protein phosphorylation; and protein homotrimerization. Located in extracellular exosome. Part of receptor complex.
Form	Disulfide-linked homotrimer
Molecular Mass	33 kDa
N-terminal Sequence Analysis	Trp17 & Thr19
Bio-activity	Measured by its binding ability in a functional ELISA. When Streptococcus Pneumococcal Polysaccharide Type 70 is coated at 2 µg/mL (100 µL/well), Recombinant Human Intelectin-1/Omentin binds with a typical ED50 of 3-15 µg/mL.

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Endotoxin	<0.10 EU/μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in Tris.
Reconstitution	Reconstitute at 500 μg/mL in Water.
Shipping	The product is shipped with polar packs.

GENE INFORMATION

Gene Name	ITLN1 intelectin 1 [Homo sapiens (human)]
Official Symbol	ITLN1
Synonyms	ITLN1; intelectin 1; HL1; LFR; HL-1; INTL; ITLN; hIntL; omentin; intelectin-1; ITLN-1; endothelial lectin HL-1; galactofuranose-binding lectin; intelectin 1 (galactofuranose binding); intestinal lactoferrin receptor
Gene ID	55600
mRNA Refseq	NM_017625
Protein Refseq	NP_060095

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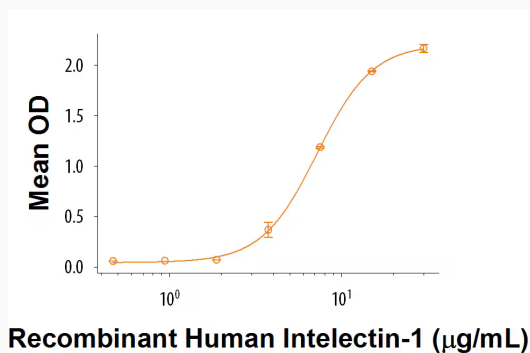
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MIM 609873

UniProt ID Q8WWA0

Bioactivity



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