

# Active Recombinant Full Length Human ITLN1 Protein, Tag Free

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

## SPECIFICATION

<b>Product Overview</b>	Active Recombinant Full Length Human ITLN1 Protein without tag was expressed in Mouse myeloma cell line.
<b>Species</b>	Human
<b>Source</b>	Mouse myeloma cell line
<b>ProteinLength</b>	1-313 aa
<b>Description</b>	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.
<b>Form</b>	Disulfide-linked homotrimer
<b>Molecular Mass</b>	33 kDa
<b>N-terminal Sequence Analysis</b>	Trp17 & Thr19
<b>Bio-activity</b>	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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<b>Endotoxin</b>	<0.10 EU/μg of the protein by the LAL method.
<b>Purity</b>	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm filtered solution in Tris.
<b>Reconstitution</b>	Reconstitute at 500 μg/mL in Water.
<b>Shipping</b>	The product is shipped with polar packs.

## GENE INFORMATION

<b>Gene Name</b>	ITLN1 intelectin 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ITLN1
<b>Synonyms</b>	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
<b>Gene ID</b>	55600
<b>mRNA Refseq</b>	NM_017625
<b>Protein Refseq</b>	NP_060095

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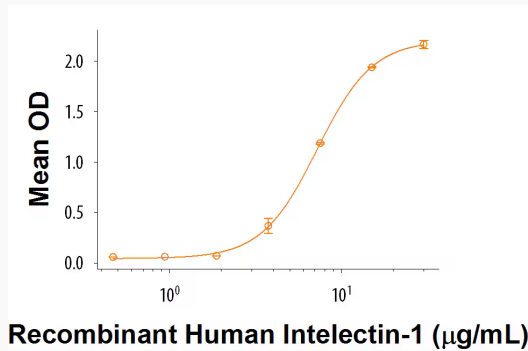
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**MIM** 609873

**UniProt ID** Q8WWA0

**Bioactivity**



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