

Active Recombinant Full Length Human ITLN1 Protein, Flag tagged

Cat. No. ITLN1-2176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Full Length Human ITLN1 Protein fused at the N-terminus to a FLAG-tag was expressed in CHO.
Species	Human
Source	CHO
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.
Molecular Mass	~38 kDa
Bio-activity	Enhances glucose transport mediated by insulin.
Endotoxin	< 0.1 EU/μg purified protein (LAL test).
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Short Term Storage: +4 centigrade Long Term Storage: -20 centigrade
Storage Buffer	Lyophilized. Contains PBS.
Handling	After reconstitution, prepare aliquots and store at -20centigrade. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. PBS containing at least 0.1% BSA should be used for further dilutions.
Reconstitution	Reconstitute with 100 µL sterile water.
Concentration	0.1 mg/mL after reconstitution.
Shipping	BLUE ICE

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
MIM	609873

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UniProt ID

Q8WWA0

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