

Recombinant Human ITLN1

Cat. No. ITLN1-3575H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ITLN1 protein was expressed in E.coli and purified by using conventional chromatography techniques (17-313 aa).
Species	Human
Source	E.coli
ProteinLength	17-313 a.a.
Description	ITLN1, also known as intelectin1 or omentin, has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. ITLN1 may play a role in the defense system against microorganisms and specifically recognize carbohydrate chains of pathogens and bacterial components containing galactofuranosyl residues, in a calcium-dependent manner.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Weight	33.2 kDa (298aa)
Purity	> 90% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MWSTDEANTY FKEWTCSSSP SLPRSCKEIK DECPSAFDGL YFLRTENGVI YQTFCDMTSG GGGWTLVASV HENDMRGKCT VGDRWSSQQG SKAVYPEGDG

 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

NWANYNTFGS AEAATSDDYK NPGYYDIQAK DLGIWHVPNK SPMQHWRNSS
 LLRYRTDTGF LQTLGHNLFQ IYQKYPVKYG EGKCWTDNGP VIPVVYDFGD
 AQKTASYYSY YGQREFTAGF VQFRVFNNER AANALCAGMR VTGCNTEHHC
 IGGGGYFPEA SPQQCGDFSG FDWSGYGTHV GYSSSREITE AAVLLFYR

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

ITLN1 [intelectin 1 \(galactofuranose binding\)](#) [[Homo sapiens](#)]

Official Symbol

ITLN1

Synonyms

ITLN1; intelectin 1 (galactofuranose binding); HL1; LFR; HL-1; INTL; ITLN; hIntL; omentin; FLJ20022; Omentin; Galactofuranose-binding lectin; Intestinal lactoferrin receptor; Endothelial lectin HL-1; Intelectin-1; OTTHUMP00000027882

Gene ID

[55600](#)

mRNA Refseq

[NM_017625](#)

Protein Refseq

[NP_060095](#)

MIM

[609873](#)

UniProt ID

[Q8WWA0](#)

**Chromosome
Location**

1q21.3

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Function	receptor binding; sugar binding
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