

Recombinant Human ITLN1

ITLN1-3575H Human

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).
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 NWANYNTFGS AEAATSDDYK NPGYYDIQAK DLGIWHVPNK SPMQHWRNSS LLRYRTDTGF LQTLGHNLFG IYQKYPVKYG EGKWCWDNGP VIPVVYDFGD AQTASYYSYSP 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

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Chromosome	1q21.3
Location	
Function	receptor binding; sugar binding

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