

Recombinant Human ITLN1

Cat. No. ITLN1-29873TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ITLN1 produced in <i>Saccharomyces cerevisiae</i> ; amino acids 1-313; 313 amino acids, MWt 32.9 kDa. Protein is tagged with 26 kDa proprietary tag.
Species	Human
ProteinLength	1-313 a.a.
Description	Intelectin-1 also known as the intestinal lactoferrin receptor is a protein that in humans is encoded by the ITLN1 gene. Intelectin-1 functions both as a receptor for bacterial arabinogalactans and for lactoferrin.
Tissue specificity	Highly expressed in omental adipose tissue where it is found in stromal vascular cells but not in fat cells but is barely detectable in subcutaneous adipose tissue (at protein level). Highly expressed in the small intestine. Also found in the heart, testi
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Sequences of amino acids

MNQLSFLFLIATTRGWSTDEANTYFKEWTCSSPSLPRS CKEIKDECPSAFDGLYF
LRTENGVIYQTFCDMTSGGGG WTLVASVHENDMRGKCTVGDRWSSQQGSKAVY
PEGDGN WANYNTFGSAEAATSDDYKNPGYYDIQAKDLGIWHVPNKS PMQHWRN
SSLLRYRTDTGFLQTLGHNLFGIYQKYPVKY GEGKCWTDNGPVIPVYDFGDAQKT
ASYSPYGQREFT AGFVQFRVFNNERAANALCAGMRVTGCNTEHHCIGGGGYFPE
ASPQQCGDFSGFDWSGYGTHVGYSRSSREITEAAVLL FYR

Sequence Similarities

Contains 1 fibrinogen C-terminal domain.

Full Length

Full L.

GENE INFORMATION

Gene Name

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

Official Symbol

[ITLN1](#)

Synonyms

ITLN1; [interlectin 1 \(galactofuranose binding\)](#); [interlectin-1](#); [FLJ20022](#); [hIntL](#); [HL 1](#);
[ITLN](#); [LFR](#);

Gene ID

[55600](#)

mRNA Refseq

[NM_017625](#)

Protein Refseq

[NP_060095](#)

MIM

[609873](#)

Uniprot ID

[Q8WWA0](#)

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