

Recombinant Human ITLN1

Cat. No. ITLN1-29872TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length humanITLN1contains 303 amino acids with a molecular weight of 35 kDa. Amino acid numbers 231-240 are missing as compared to
Species	Human
Source	E.coli
ProteinLength	231-240 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	Lyophilised:It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions.
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 0.5% Mannitol, 5mM Sodium phosphate, pH 7.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MNQLSFLFL IATTRGWSTD EANTYFKEWT CSSPSLPRS CKEIKDECPS AFDGLYFLRT ENGVYQTF CDMTSGGGGWT LVASVHENDM RGKCTVGDRW SSQQGSKADY PEGDGNWANY NTFGSAEAAT SDDYKNPGYY DIQAKDLGIW HVPNKSPMQH WRNSSLLRYR TDTGFLQTLG HNLFGIYQKY PVKYGEGKCW TDNGPVIPIV YDFGDAQKTA SYSPYQRE FNNERAANAL CAGMRVTGCN TEHHCIGGGG YFPEASPQQC GDFSGFDWSG YGTHVGYSSS REITEAVLL
Sequence Similarities	Contains 1 fibrinogen C-terminal domain.
Full Length	Full L.
GENE INFORMATION	
Gene Name	ITLN1 intelectin 1 (galactofuranose binding) [Homo sapiens]
Official Symbol	ITLN1
Synonyms	ITLN1 ; intelectin 1 (galactofuranose binding) ; intelectin-1 ; FLJ20022 ; hIntL ; HL 1 ; ITLN ; LFR ;
Gene ID	55600
mRNA Refseq	NM_017625
Protein Refseq	NP_060095
MIM	609873

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Uniprot ID	Q8WWA0
Chromosome Location	1q21.3
Function	receptor binding; sugar binding;

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