

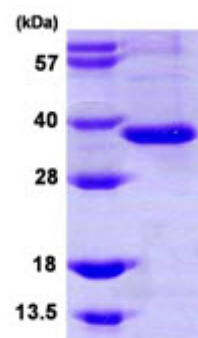
AR39065PU-N

Human Intelectin-1 / Omentin (17-313) - Purified

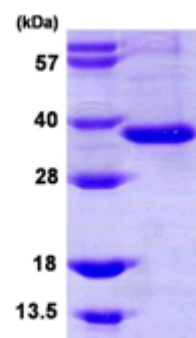
Alternate names:	Endothelial lectin HL-1, Galactofuranose-binding lectin, INTL, ITLN, ITLN-1, ITLN1, Intestinal lactoferrin receptor, LFR
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	ITLN1, also known as intelectin1 or omentin, has no effect on basal glucose uptake 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.
Uniprot ID:	Q8WWA0
NCBI:	NP_060095
GeneID:	55600
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90%
Description:	Recombinant human Intelectin-1 protein was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MWSTDEANTY FKEWTCSSSP SLPRSCKEIK DECPSAFDGL YFLRTENGVI YQTFCDMTSG GGGWTLVASV HENDMRGKCT VGDRWSSQQG SKAVYPEGDG NWANYNTFGS AEAATSDDYK NPGYYDIQAK DLGIWHVPNK SPMQHWNRSS LLRYRTDTGF LQTLGHNLFQ IYQKYPVKYG EGKCWTDNGP VIPVYDFGD AQKTASYSP YGQREFTAGF VQFRVFNNER AANALCAGMR VTGCNTEHHC IGGGGYFPEA SPQCCGDFSG FDWSGYGTHV GYSSSREITE AAVLLFYR Molecular weight: 33.2 kDa (298aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Tsuji S., et al. (2001) J. Biol. Chem. 276:23456-23463. Tsuji S., et al. (2007) Glycobiology (10):1045-51.

Pictures:

Recombinant human ITLN1, 17-313 aa



15% SDS-PAGE (3ug)



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