

**ITLN1, 17-313aa, Human, E.coli**

**Cat.NO.: TP02698**

3th Edition

**Synonyms:**Intelectin 1, HL1, LFR, HL-1, INTL, ITLN, hIntL, omentin

**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)

**Sequences:**

MWSTDEANTYFKEWTCSSSPSLPRSCKEIKDECPSAFDGLYFLRTENGVIIYQTFCDMTSGGGGWTLVASVHEND  
MRGKCTVGDWSSQQGSKAVYPEGDGNWANYNTFGSAEAATSDDYKNPGYYDIQAKDLGIWHVFNKSPMQHW  
RNSLLRYRTDTGFLQTLGHNLFGIYQKYPVKYGEKGCWTDNGPVIPVVYDFGDAQKTASYSPYGGQREFTAGFV  
QFRVFNNERAANALCAGMRVTGCNTEHHCIGGGGYFPEASPQQCGDFSGFDWSGYGTHVGYSSSREITEAAVLL  
FYR

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.