

Datasheet for ABIN7319934
ITLN1/Omentin Protein (His tag)



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Overview

Quantity:	100 µg
Target:	ITLN1/Omentin (ITLN1)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ITLN1/Omentin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Intelectin-1/ITLN1 Protein (His Tag)
Sequence:	Cys31-Gly253
Characteristics:	A DNA sequence encoding the human ITLN1 (Cys31-Gly253) was fused with His tag
Purity:	> 90 % as determined by reducing SDS-PAGE.

Target Details

Target:	ITLN1/Omentin (ITLN1)
Alternative Name:	Intelectin-1/ITLN1 (ITLN1 Products)
Background:	Background: Intelectin-1 (ITLN1) is a secreted protein and contains 1 fibrinogen C-terminal domain. Intelectin-1 is a 40 kDa Ca- dependent galactofuranose-binding lectin that is not a C-type lectin. It is expressed on multiple cell types and appears to participate in insulin signaling and microbe recognition. The protein has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. It increases AKT phosphorylation in the

Target Details

absence and presence of insulin and it may play a role in the defense system against microorganisms. It also may specifically recognize carbohydrate chains of pathogens and bacterial components containing galactofuranosyl residues, in a calcium-dependent manner. Synonym: Intelectin-1,ITLN-1,Endothelial lectin HL-1,Galactofuranose-binding lectin,Intestinal lactoferrin receptor,Omentin.

Molecular Weight: 26.39 kDa

UniProt: [Q8WWA0](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: lyophilized from PBS pH 7.5.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.