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Datasheet for ABIN1344312

ITLN1/Omentin Protein (AA 17-313) (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Target:	ITLN1/Omentin (ITLN1)
Protein Characteristics:	AA 17-313
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ITLN1/Omentin protein is labelled with DYKDDDDK Tag.
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Human
Characteristics:	Human omentin (aa 17-313) is fused at the N-terminus to a FLAG®-tag.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.1EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	ITLN1/Omentin (ITLN1)
Alternative Name:	Omentin (ITLN1 Products)
Background:	Omentin (Intelectin-1) is highly expressed in omental adipose tissue, small intestine and various

Target Details

other tissues. Omentin has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. It increases AKT phosphorylation in the absence and presence of insulin. It was suggested to play a role in the defense system against microorganisms by recognizing carbohydrate chains of pathogens and bacterial components containing galactofuranosyl residues.

Molecular Weight: ~38kDa

UniProt: [Q8WWA0](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Enhances glucose transport mediated by insulin.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with 100 µL sterile water.

Concentration: Lot specific

Buffer: Lyophilized. Contains PBS.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months