



Focus on Adipokines

Order Information

Code No.: 00020-06-100
Name: Omentin 1 (Human)
Lot No.: 000038
Size: 100 µg
Source: E. Coli
Tag: 6 x His Tag on N-Terminal
Purity: >95% in SDS-PAGE
Formulation: TBS lyophilized Form, carry free
Storage: -20 °C
Application: BA, ELISA
Protein ID: Swiss
Gene ID: 55600
MW: 34 KDa

AltName: Intelectin-1

Related Products:

Human Omentin 1 ELISA
Anti-h Omentin Monoclonal Antibody
Anti-h Omentin 1 Antibody
Mice anti-h Omentin 1 Antiserum

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

Human Omentin 1

Description

A DNA sequence encoding the mature human Omentin 1 (Thr¹⁹-Arg³¹³) with 6 His tag on the N-Terminus was expressed in *E.Coli*. This protein was purified by Ni-NTA column.

Formulation

Lyophilized 100 µg human Omentin 1 in 50 µl of TBS (20 mM Tris, 50mM NaCl,pH8.0). Carry free (Does NOT contain BSA).

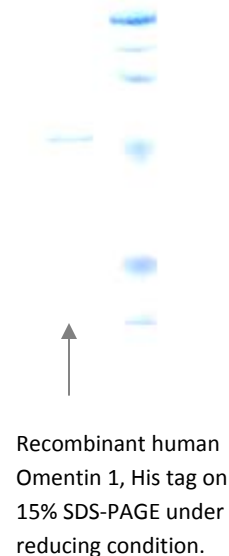
Reconstitution & Storage

Add 500 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL . Allow to set at least 30 minutes at 4 °C, mix well. Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at - 20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence:

Human Omentin 1 (Thr¹⁹-Arg³¹³)

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TD  
EANTYFKEWTCSSPSLPRS  
CKEIKDECPSAFDGLYFLRT  
ENGVIIYQTFCDMTSGGGGWT  
LVASVHENDMRGKCTVGDRW  
SSQQGSKAVYPEGDGNWANY  
NTFGSAEAATSDDYKNPGYY  
DIQAKDLGIWHVPNKSPMQH  
WRNSLLRYRTDTGFLQTLG  
HNLFGIYQKYPVKYGEKGCW  
TDNGPVIPIVVDYFDQAQKTA  
SYSPYQREFTAGFVQFRV  
FNNERAANALCAGMRVTGCN  
TEHHCIGGGGYFPEASPQQC  
GDFSGFDWSGYGTHVGYSSS  
REITEAAVLLFYR 313
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Omentin 1 is highly expressed in omental adipose tissue. As a secreted novel depot-specific adipokine, Omentin 1 has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. Increases AKT phosphorylation in the absence and presence of insulin. decreased omentin 1 levels are associated with increasing obesity and insulin resistance.

ADIPOBIOTECH

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