

PRODUCT DATA SHEET

Omentin Human E. coli

Cat. No.: RD172100100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Intelectin-1, ITLN-1, Intestinal lactoferrin receptor, Galactofuranose-binding lectin, Endothelial lectin HL-1, Omentin, INTL, ITLN, LFR, UNQ640/PRO1270

Description:

Total 294 AA. MW: 32.7 kDa (calculated). N-terminal His-tag, 14 extra AA. The AA sequence is identical to UniProtKB/Swiss-Prot entry Q8WWA0 (AA19–298).

Amino Acid Sequence:

MRGSHHHHHH GMASTDEANT YFKEWTCSSS PSLPRSCKEI KDECPSAFDG LYFLRTENGV
IYQTFCDMTS GGGGWTLVAS VHENDMRGKC TVGDRWSSQQ GSKAVYPEGD GNWANYNTFG
SAEAAATSDDY KNPGYYDIQA KDLGIWHVFN KSPMQHWRNS SLLRYRTDTG FLQTLGHNLF
GIYQKYPVKY GEGKCWTDNG PVIPVVYDFG DAQKTASYYS PYGQREFTAG FVQFRVFNNE
RAANALCAGM RVTGCNTEHH CIGGGGYFPE ASPQQCGDFS GFDWSGYGTH VGYS

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized in 0.5 mg/mL in 20 mM Tris, 50mM NaCl , pH 8.0

Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

Western blotting

Note:

This product is intended for research use only.