

## 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 KNPYYDIQA KDLGIWHVPN 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.