

# Human Omentin Recombinant Protein



RPPB0813

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## Product Information    Protein Information

**Product SKU:**

RPPB0813

**Accession:**

Q8WWA0

**Host:**

E.Coli.

**Protein description:**

Omentin Human Recombinant is produced in E.Coli by recombinant DNA technology is a single, polypeptide chain containing 313 amino acids and having a molecular mass of 35 kDa. Intelectin is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Intelectin-1, HL1, LFR, HL-1, INTL, ITLN, hIntL.

**Formulation:**

Each mg of lyophilized powder contains 10mM NaP, pH-7.5 and 5:1 mannitol to protein.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Omentin in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Intelectin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Intelectin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MNQLSFLFL IATTRGWSTD EANTYFKEWTCSSPSLPRS CKEIKDECPS AFDGLYFLRT ENGVIIQTFC  
DMTSGGGGWT LVASVHENDM RGKCTVGDRW SSQQGSKADY PEGDGNWANY NTFGSAEAAT  
SDDYKNPGYY DIQAKDLGIW HVPNKSPMQH WRNSSLLRYR TDTGFLQTLG HNLFGIYQKY PVKYGEGKCW  
TDNGPVIPIV YDFGDAQKTA SYSPYQGRE FNNERAANAL CAGMRVTGCN TEHHCIGGGG YFPEASPQQC  
GDFSGFDWSG YGTHVGYSSS REITEAAVLLFYR.