

Human Omentin Recombinant Protein



RPPB0814

Product Information Protein Information

Product SKU:

RPPB0814

Accession:

Q8WWA0

Host:

Escherichia Coli.

Protein description:

Omentin Human Recombinant is produced in E.Coli by recombinant DNA technology is a single, polypeptide chain containing 294 amino acids and having a molecular mass of 32.7 kDa. Recombinant Human Omentin contains His tag fused at N-Terminus. 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 20mM Tris & 50mM NaCl pH-8.0.

Purity:

Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Omentin His Tag in sterile 18MΩ-cm H₂O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Intelectin His Tag 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:

MRGSHHHHHH GMASTDEANT YFKEWTCSSS PSLPRSCKEI KDECPAFDG LYFLRTENGV IYQTFCDMTS
GGGGWTLVAS VHENDMRGKC TVGDRWSSQQ GSKAVYPEGD GNWANYNTFG SAEAATSSDDY
KNPGYYDIQA KDLGIWHVNP KSPMQHWRNS SLLRYRTDTG FLQTLGHNLF GIYQKYPVKY GEGKCWTDNG
PVIPVVYDFG DAQKTASYYS PYGQREFTAG FVQFRVFNNE RAANALCAGM RVTGCNTEHH CIGGGGYFPE
ASPQQCGDFS GFDWSGYGTH VGYS.