

Omentin Human Recombinant, His Tag

Item Number	rAP-2387
Synonyms	Intelectin-1, HL1, LFR, HL-1, INTL, ITLN, hIntL.
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 technology.
Uniprot Accession Number	Q8WWA0
Amino Acid Sequence	MRGSHHHHHH GMASTDEANT YFKEWTCSSS PSLPRSCKEI KDECPSAFDG LYFLRTENGVIYQTFCDMTS GGGGWTLVAS VHENDMRGKC TVGDRWSSQQ GSKAVYPEGD GNWANYNTFG SAE-AATSDDY KNPGYYDIQA KDLGIWHVPN KSPMQHWRNS SLLRYRTDTG FLQTLGHNLF GIYQKYPVKY GEGKCWTDNG PVIPVYDFG DAQKTASYYS PYGQREFTAG FVQFRVFNNE RAANALCAGM RVTGCNTEHH CIGGGGYFPE ASPQQCGDFS GFDWSGYGTH VGYS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Each mg of lyophilized powder contains 20mM Tris & 50mM NaCl pH-8.0. Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	Elisa Western blot.
Solubility	It is recommended to reconstitute the lyophilized Omentin His Tag in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**