

Omentin Human Recombinant

Item Number	rAP-2386
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 313 amino acids and having a molecular mass of 35 kDa. Intelectin is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8WWA0
Amino Acid Sequence	MNQLSFLFL IATTRGWSTD EANTYFKEWTCSSSPSLPRS CKEIKDECPS AFDGLYFLRT ENGVIYQTFC DMTSGGGGWT LVASVHENDM RGKCTVGDRW SSQQGSKADY PEGDGNWANY NTFGSAEAAT SDDYKNPGYY DIQAKDLGIW HVPNKSPMQH WRNSSLLRYR TDTGFLQTLG HNLFGIYQKY PVKYGEGKCW TDNGPVPV YDFGDAQKTA SYSPYQRE FNNERAANAL CAGMRVTGCN TEHHCIGGGG YFPEASPQC GDFSGFDWSG YGTHVGYSSS REITEAAVLLFYR.
Source	E.Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Each mg of lyophilized powder contains 20mM NaP, pH-7.5 and 0.5% manitol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Omentin 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**