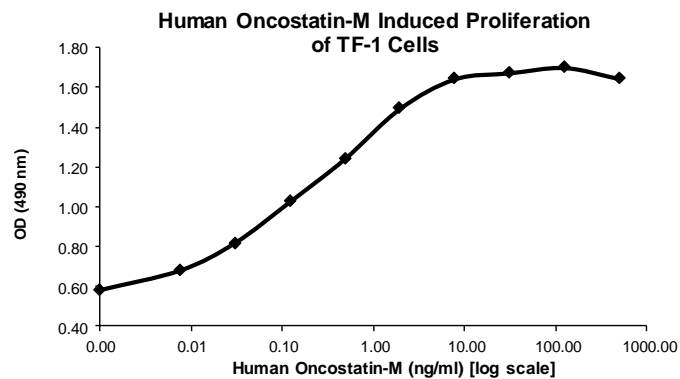


ITLN1

Recombinant Human Omentin Animal Free

Catalog No.	CRH322A-AF CRH322B-AF CRH322C-AF	Quantity:	2 µg 100 µg 1 mg
Alternate Names:	Intelectin-1, ITLN-1		
Description:	Omentin is an adipokine that is produced and secreted by the small intestine, visceral adipose tissue, perivascular adipose tissue, and epicardial adipose tissue. Omentin enhances insulin-stimulated glucose uptake in adipocytes and is a link between obesity and Type 2 Diabetes. Omentin also functions as a vasodilator and plays a protective role during coronary atherosclerosis and hypertension.		
Gene ID:	55600		
UniProtKB:	Q8WWA0		
Source:	<i>E. coli</i>		
Molecular Weight:	Monomer, 35 kDa (313 aa)		
Formulation:	Lyophilized from sterile filtered solution containing 10 mM sodium phosphate, 5:1 mannitol to protein, pH 7.5		
Purity:	≥90% by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤5 EU/µg		
Amino Acid Sequence:	MNQLSFLFL IATTRGWSTD EANTYFKEWT CSSPSLPRS CKEIKDECPS AFDGLYFLRT ENGVYQTFC DMTSGGGGWT LVASVHENDM RGKCTVGDRW SSQQGSKADY PEGDGNWANY NTFGSAEAAT SDDYKNPGYY DIQAKDLGIW HVPNKSPMQH WRNSSLLRYR TDTGFLQTLG HNLFGIYQKY PVKYGEGKCW TDNGPVIPVV YDFGDAQKTA SYSPYGGQRE FTAGFVQFRV FNNERAANAL CAGMRVTGCN TEHHCIGGGG YFPEASPQQC GDFSGFDWSG YGTHVGYSSS REITEAAVLL FYR		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipetting the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for reconstitution. A small amount of precipitate may be seen.		
Storage & Stability:	Upon receipt, store desiccated at -20 °C for up to 1 year. Upon reconstitution, preparation is stable for up to one month at 2-8 °C. For long term storage reconstitute in working aliquots containing 0.1% BSA and store at -80 °C. Avoid repeated freeze-thaw cycles.		





NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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