

Product Datasheet

Recombinant Human Intelectin-1/Omentin Animal-Free Protein

NBP2-76316-10ug

Unit Size: 10 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-76316-10ug**Recombinant Human Intelectin-1/Omentin Animal-Free Protein**

Product Information	
Unit Size	10 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Sterile water at 0.1 mg/mL
Purity	>90%, by SDS-PAGE
Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate and 5:1 mannitol to protein, pH 7.5
Target Molecular Weight	35 kDa
Product Description	
Description	<p>An un-tagged recombinant protein corresponding to Human Intelectin-1/Omentin</p> <p>Source: <i>E. coli</i></p> <p>Amino Acid Sequence: MNQLSFLLFL IATTRGWSTD EANTYFKEWT CSSSPSLPRS CKEIKDECPS AFDGLYFLRT ENGVYQTFC DMTSGGGGW LVAHVHENDM RGKCTVGDRW SSQQGSKADY PEGDGNWANY NTFGSAEAAT SDDYKNPGYY DIQAKDLGIW HVPNKSPMQH WRNSSLLRYR TDTGFLQTLG HNLFGIYQKY PVKYGEGKCW TDNGPVIPIV YDFGDAQKTA SYSPYGGQRE FTAGFVQFRV FNNERAANAL CAGMRVTGCN TEHHCIGGGG YFPEASPQQC GDFSGFDWSG YGTHVGYSSS REITEAAVLL FYR</p> <p>Produced with no materials of animal or human origin using ANIMAL-FREE purification processes.</p> <p>Production and Purification</p> <ul style="list-style-type: none"> • No animal-derived ingredients, No FBS • <i>E. coli</i> based production system • Animal-Free facility, fermentor, columns, filters, labware, lyophilization, and storage <p>Quality Assurance</p> <ul style="list-style-type: none"> • Endotoxin levels at <1 EUs/ug • Purity levels at 95% or greater
Gene ID	55600
Gene Symbol	ITLN1
Species	Human
Specificity/Sensitivity	Intelectin-1/Omentin is a monomer, 35 kDa (313 aa)
Preparation Method	Protein is derived from genetically modified <i>E. coli</i> .



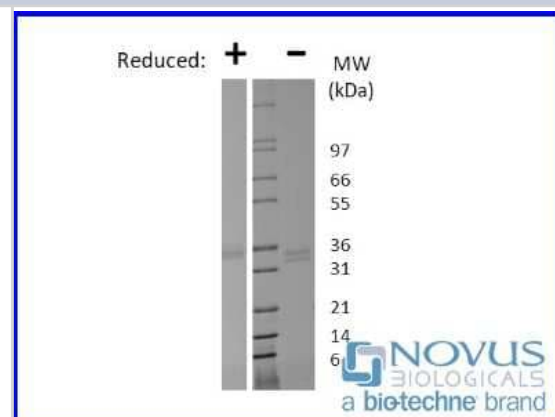
Notes	<p>Lot Specific Information: Given endotoxin and ED50 values are acceptance criteria standards. For lot specific values, please contact technical support.</p> <p>Detailed Reconstitution: Centrifuge vial before opening. Suspend the product by gently pipetting the recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots.</p> <p>Expiration Date: 12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed.</p>
Endotoxin Note	Acceptance criteria for endotoxin levels are <1 EUs/ug protein (determined by Kinetic LAL Method).

Product Application Details

Applications	SDS-Page
Recommended Dilutions	SDS-Page

Images

SDS-Page: Recombinant Human Intelectin-1/Omentin Animal-Free Protein [NBP2-76316] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.





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