



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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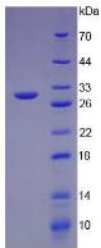
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Product Number	OPCD04615
Product Page	<a href="http://www.avivasysbio.com/itln1-recombinant-protein-opcd04615.html">www.avivasysbio.com/itln1-recombinant-protein-opcd04615.html</a>
Name	ITLN1 Recombinant Protein (OPCD04615)
Protein Size (# AA)	Cys31~Gly253 amino acids
Molecular Weight	28kDa
Tag	N-terminal His Tag
Conjugation	Unconjugated
NCBI Gene Id	55600
Host	E.coli
Purity	> 90%
Concentration	200 ug/mL (prior to lyoph)
Source	E.coli
Gene Full Name	intelectin 1
Alias Symbols	endothelial lectin HL-1;galactofuranose-binding lectin;hIntL;HL1;HL-1;intelectin 1 (galactofuranose binding);intelectin-1;intestinal lactoferrin receptor;INTL;ITLN;ITLN-1;LFR;omentin.
Product Format	Freeze-dried Powder. PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Description of Target	Lectin that specifically recognizes microbial carbohydrate chains in a calcium-dependent manner (PubMed:11313366, PubMed:26148048). Binds to microbial glycans that contain a terminal acyclic 1,2-diol moiety, including beta-linked D-galactofuranose (beta-Galf), D-phosphoglycerol-modified glycans, D-glycero-D-talo-oct-2-ulosonic acid (KO) and 3-deoxy-D-manno-oct-2-ulosonic acid (KDO) (PubMed:26148048). Binds to glycans from Gram-positive and Gram-negative bacteria, including K.pneumoniae, S.pneumoniae, Y.pestis, P.mirabilis and P.vulgaris (PubMed:26148048). Does not bind human glycans (PubMed:26148048). Probably plays a role in the defense system against microorganisms (Probable). May function as adipokine that has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes (PubMed:16531507). Increases AKT phosphorylation in the absence and presence of insulin (PubMed:16531507). May interact with lactoferrin/LTF and increase its uptake, and may thereby play a role in iron absorption (PubMed:11747454, PubMed:23921499).
Reconstitution and Storage	2°C to 8°C -80°C
Datasheets/Manuals	Printable datasheet for <a href="#">ITLN1 Recombinant Protein (OPCD04615)</a>
Additional Information	<b>Endotoxin Level:</b> < 1.0 EU per 1 ug (determined by the LAL method)
Additional Information	<b>Residues:</b> Cys31-Gly253
Additional Information	<b>Subcellular Location:</b> Membrane, Secreted, Chromosome
Uniprot ID	<a href="#">Q8WWA0</a>
Protein Name	Intelectin-1
Protein Accession #	<a href="#">NP_060095.2</a>
Nucleotide Accession #	<a href="#">NM_017625.2</a>
Gene Symbol	<a href="#">ITLN1</a>
Predicted Species Reactivity	Homo sapiens Human
Application	Ctrl (+), SDS-PAGE, WB
Image 1	<p><b>SDS-PAGE</b></p>  <p>ITLN1 Recombinant Protein (OPCD04615) using SDS-PAGE</p>

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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