

Intelectin 1 (ITLN1) Recombinant Protein | ITLN1 recombinant protein

Recombinant Intelectin 1 (ITLN1)

CATALOG # AAA134590	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Intelectin 1 (ITLN1); Recombinant Intelectin 1 (ITLN1); ITLN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSSEF-RW GNSFFSSLPR SCKEIKQEHT KAQDGLYFLR TKNGVIYQTF CDMTTAGGGW TLVASVHENN MRGKCTVGDR WSSQQGNRAD YPEGDGNWAN YNTFGSAEAA TSDDYKNPGY FDIQAENLGI WHVPNKSPH NWRKSSLLRY RTFTGFLQHL GHNLFGLYKK YPVKYGEGKC WTDNGPALPV VYDFGDARKT ASYSPSPGQR EFTAGYVQFR VFNNERAASA LCAGVRVTGC NTEHHCIGGG G
Sequence Length	313
Applicable Applications for ITLN1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Arg28–Gly270 (Accession # O88310) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.



						RWG	NSFFSSLPRS	CKEIKQEHTK
AQDGLYFLRT	KNGVYQTF	DMTTAGGGWT	LVSASVHENHM	RGKCTVGDWR				
SSQQGNRADY	PEGDGNWANY	NTFGSAEAA	SDDYKPNPGYF	DIQAENLGDW				
HVPNKSPLHN	WRKSLLRYR	TFTGFLQHL	HNLFGLYKKY	PVKYGEKGW				
TONGPALPV	YDFGDARKTA	SYSPSPGQRE	FTAGYVQVRV	FNNERAASAL				
CAGVRVTGCN	THHCGGGG							

NCBI GI #	6754388
NCBI GeneID	16429
NCBI Accession #	NP_034714.1
NCBI GenBank Nucleotide #	NM_010584.3
UniProt Accession #	O88310; Q5IWS3
Molecular Weight	28.7kDa
NCBI Official Full Name	intelectin-1a
NCBI Official Synonym Full Names	intelectin 1 (galactofuranose binding)
NCBI Official Symbol	Itln1
NCBI Official Synonym Symbols	Lfr; IntL; Itln; Itln2; Itln5; Itlna
NCBI Protein Information	intelectin-1a; intelectin 2; intelectin 5; intelectin a; galactofuranose-binding lectin; intestinal lactoferrin receptor; calcium-dependent galactosyl-specific lectin
UniProt Protein Name	Intelectin-1a
UniProt Gene Name	Itln1
UniProt Synonym Gene Names	Intl; Itln; Itln1a; Itlna
UniProt Entry Name	ITL1A_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/itln1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134590>