

Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4) Recombinant Protein | LILRB4 recombinant protein

Recombinant Leukocyte Immunoglobulin Like Receptor Subfamily B, Member 4 (LILRB4)

CATALOG # AAA135534	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

Leukocyte Immunoglobulin Like Receptor Subfamily B; Member 4 (LILRB4); Recombinant Leukocyte Immunoglobulin Like Receptor Subfamily B; LILRB4 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 sedwithtwo N-terminal Tags,His-t agandT7-ta g,itssequ nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-GH LPKPIIWAEP GSVIAAYTSV ITWCQGSWEA QYYHLYKEKS VNPWDTQVPL ETRNKAKFNI PSMTTSYAGI YKCYYESAAG FSEHSDAMEL VMTGAYENPS LSVYPSSNVT SGVSISFSCS SSIVFGRFIL IQEGKHGLSW TLDSQHQANQ PSYATFVLDA VTPNHNGTFR CYGYFRNEPQ V
Sequence Length	335
Applicable Applications for LILRB4 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Gly24~Val206 (Accession # Q64281) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Cell membrane; Single-pass type I membrane protein
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.7
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.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	7305097
NCBI GeneID	14728
NCBI Accession #	NP_038560.1
NCBI GenBank Nucleotide #	NM_013532.2
UniProt Accession #	Q64281; Q64312
Molecular Weight	24.3kDa
NCBI Official Full Name	leukocyte immunoglobulin-like receptor subfamily B member 4
NCBI Official Synonym Full Names	leukocyte immunoglobulin-like receptor, subfamily B, member 4
NCBI Official Symbol	Lilrb4
NCBI Official Synonym Symbols	HM18; ILT3; gp49; CD85K; Gp49b; LIR-5
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily B member 4; glycoprotein 49 B; mast cell surface glycoprotein Gp49B
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily B member 4
UniProt Gene Name	Lilrb4
UniProt Synonym Gene Names	Gp49b
UniProt Entry Name	LIRB4_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.