

Recombinant Mouse Lilrb4 Protein, Fc-tagged

Cat. No. Lilrb4-361M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lilrb4 protein with Fc tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	335
Description	Enables integrin binding activity. Involved in negative regulation of mast cell activation involved in immune response. Acts upstream of or within several processes, including alpha-beta T cell proliferation; cellular response to lipopolysaccharide; and response to nematode. Located in external side of plasma membrane. Is expressed in urinary system. Orthologous to human LILRB4 (leukocyte immunoglobulin like receptor B4).
Form	Lyophilized
Molecular Mass	50.7 kDa
AA Sequence	MIAMLTVLLYLGLILEPRTAVQAGHLPKPIIWAEPGSVIAAYTSVITWCQGSWEAQYY HLYKEKSVNPWDTQVPLETRNKAKFNIPSMTTSYAGIYKCYYESAAGFSEHSDAMEL VMTGAYENPSLSVYPSSNVTSGVSISFSCSSSIVFGRFILIQEGKHGLSWTLDSQHQ ANQPSYATFVLDAVTPNHNGTFRCYGYFRNEPQVWSKPSNSLDLMISETKDQSSTP TEDGLETYQKILIGVLVSFLLFFLLFLILIGYQYGHKKKANASVKNTQSENNAELNS WNPQNEDPQGIVYAQVKPSRLQKDTACKETQDVTYAQLCIRTQEQNNS

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	Lilrb4 leukocyte immunoglobulin-like receptor, subfamily B, member 4 [Mus musculus (house mouse)]
Official Symbol	Lilrb4
Synonyms	HM18; ILT3; gp49; CD85K; Gp49b; LIR-5
Gene ID	14728
mRNA Refseq	NM_013532

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Protein Refseq	NP_038560
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UniProt ID	Q64281
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