Recombinant Mouse LAIR1 protein(Gln22-Ser133), His-tagged

Cat. No. Lair1-6972M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LAIR1 (Q8BG84-1) (Gln 22-Ser 133) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	22-133 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse LAIR1 comprises 123 amino acids and has a calculated molecular mass of 14 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 25-35 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Lair1 leukocyte-associated Ig-like receptor 1 [Mus musculus]
Official Symbol	LAIR1
Synonyms	LAIR1; leukocyte-associated Ig-like receptor 1; leukocyte-associated immunoglobulin-like receptor 1; mLAIR1; Lair-1; mLair-1; BB115266; D7Bwg0421e; 5133400O11Rik;
Gene ID	52855
mRNA Refseq	NM_001113474
Protein Refseq	NP_001106945

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