

Recombinant Mouse Lair1 protein, Fc-tagged

Cat. No. Lair1-6973M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lair1(Gln22-Ser133) fused with the Fc region of human IgG1 at the C-terminus was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gln22-Ser133
Predicted N Terminal	Gln 22
Form	Lyophilized from sterile PBS, pH 7.41. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant mouse LAIR1 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 353 amino acids and has a predicted molecular mass of 39.6 kDa. The apparent molecular mass of the protein is approximately 49-53 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Shipping In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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](#)

MIM

UniProt ID [Q8BG84](#)

Chromosome Location 7 A1; 7 2.31 cM

Function receptor activity;

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