

Recombinant Mouse Lair1 protein, His-tagged

Cat. No. Lair1-33M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Lair1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect Cells
Description	Lair1, as known as leukocyte-associated immunoglobulin-like receptor 1 isoform a, is an inhibitory receptor of the Ig superfamily that is related to inhibitory members of KIR and ILT/CD85 families. This protein is well expressed NK cells, T cells, B cells, monocytes, macrophages, immature neutrophils, dendritic cells and most thymocytes. Also, it functions as an inhibitory receptor not only on NK cells, but on human T cells.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	15.0kDa (132aa) 18-28kDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPQEGSLPD ITIFPNSSLM ISQGTFTVV CSYSDKHDLY NMVRLEKDGS TFMEKSTEPY KTEDEFEIGP VNETITGHYS CIYSKGITWS ERSKTLELKV IKENVIQTPA PGPTS DTSWL KTYSIYHHHH HH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	> 90% by SDS - PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name [Lair1 leukocyte-associated Ig-like receptor 1 \[Mus musculus \]](#)

Official Symbol [Lair1](#)

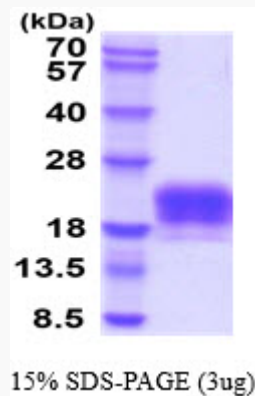
Synonyms LAIR1; mLAIR1; Lair-1; mLair-1; BB115266

Gene ID [52855](#)

mRNA Refseq [NM_001113474](#)

Protein Refseq [NP_001106945](#)

Function receptor activity;



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