

Lair1, 22-144aa, Mouse, His-tag, Baculovirus

Cat.NO.: TP02774

3th Edition

Synonyms:Leukocyte-associated immunoglobulin-like receptor 1 isoform a, Lair1, 5133400O11Rik, BB115266, D7Bwg0421e, Lair-1.

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. Recombinant mouse Lair1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:15.0kDa (132aa), 18-28kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPQEGSLPDITIFPNSSLMISQGTFTVVCSYSDKHDLYNMVRLEKDGSTFMEKSTEPYKTEDEFEIGPVNETITGH
YSCIYSKGITWSERSKTLLELKVIKENVIQTPAPGPTSDTSWLKTYSIYHHHHHH

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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