
Product Data Sheet

Product Name: LAIR1 Mouse
 Cat. No.: GP23790
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Leukocyte-associated immunoglobulin-like receptor 1; LAIR-1; mLAIR1; CD305; LAIR1.		
Amino Acid Sequence	ADPQEGSLPD ITIFPNSSLM ISQGTFTVTV CSYSDKHDLY NMVRLEKDGS TFMEKSTEPY KTEDEFEIGP VNETITGHYS CIYSKGITWS ERSKTLELKV IKENVIQTPA PGPTS DTSWL KTYSIYHHHH HH		
Formulation	LAIR1 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.		

Introduction

LAIR1 is a glycoprotein expressed on the surface of the majority of human peripheral blood mononuclear leukocytes including T cells, B cells, NK cells, macrophages and dendritic cells. LAIR-1 functions as an inhibitory receptor in NK cells, T cells and B cells. Inhibitory receptors control the immune response to prevent lysis of cells recognized as self. Lair1 consists of a leader sequence, extracellular domain, transmembrane domain, cytoplasmic region.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

LAIR1 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 132 amino acids (22-144 aa) and having a molecular mass of 15kDa (Migrates at 18-28kDa on SDS-PAGE under reducing conditions). LAIR1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA