

Product datasheet for **TP724593**

LAIR1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human LAIR1 (C-mFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Q22-Y165
Tag:	C-mFc
Buffer:	Lyophilized from a 0.2 um filtered solution of 2umM PB, 15umM NaCl, pH 7.2
Note:	Recombinant Human Leukocyte-Associated Immunoglobulin-Like Receptor 1 is produced by human 293 cells. The target gene encoding Gln22-Tyr165 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	3903
UniProt ID:	Q6GTX8
Summary:	Leukocyte-associated immunoglobulin-like receptor 1 (LAIR-1) is a type I transmembrane glycoprotein, that belongs to immunoglobulin superfamily and leukocyte-associated inhibitory receptor family. LAIR-1 is expressed on most of the mononuclear cells, including natural killer (NK) cells, B-cells, T-cells, monocytes, and dendritic cells. LAIR-1 plays a role in negatively regulating the cytolytic function of immune cells to prevent lysis of cells recognized as self. Studies predicted that LAIR-1 mediates the inhibitory function based on immunoreceptor tyrosine-based inhibitory motifs (ITIMs) in its cytoplasmic domain.



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