

### 32-9030: Recombinant Human LAIR1 (C-His)

**Alternative Name** : Leukocyte-Associated Immunoglobulin-Like Receptor 1; LAIR-1; hLAIR1; CD305

#### Description

Source : Human 293 Cells;

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.

#### Product Info

**Amount** : 500 µg / 50 µg

**Content** : Lyophilized from a 0.2 µm filtered solution of 2µM PB, 15µM NaCl, pH 7.2

**Amino Acid** : 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.