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32-18189: Recombinant Human LAIR1 Protein, hFc Tag

Uniprot ID : Q6GTX8
Alternative Name : CD305; LAIR-1

Description

Molecular Characterization: LAIR1(Gln22-His163) hFc(Glu99-Ala330)
Molecular weight: The protein has a predicted molecular mass of 41.6 kDa after removal of the signal peptide. The apparent molecular mass of LAIR1-hFc is approximately 35-70 kDa due to glycosylation.
Description: Recombinant Human LAIR1 Protein with C-terminal human Fc tag
The protein encoded by this gene is an inhibitory receptor found on peripheral mononuclear cells, including natural killer cells, T cells, and B cells. Inhibitory receptors regulate the immune response to prevent lysis of cells recognized as self. The gene is a member of both the immunoglobulin superfamily and the leukocyte-associated inhibitory receptor family. The gene maps to a region of 19q13.4 called the leukocyte receptor cluster, which contains at least 29 genes encoding leukocyte-expressed receptors of the immunoglobulin superfamily. The encoded protein has been identified as an anchor for tyrosine phosphatase SHP-1, and may induce cell death in myeloid leukemias. Alternative splicing results in multiple transcript variants.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.