

**Recombinant Human LAIR-2/CD306 Protein(C-6His)**

**Cat.NO.: TP04778**

3th Edition

**Synonyms:**Leukocyte-Associated Immunoglobulin-Like Receptor 2; LAIR-2; CD306; LAIR2

**Description:**Leukocyte-Associated Immunoglobulin-Like Receptor 2 (LAIR2) is a secreted, 131 amino acid protein that contains one Ig-like C2 type domain, making it a member of the Ig superfamily. When compared to LAIR-1, its transmembrane counterpart, it shares 83% amino acid identity across the signal sequence and extracellular domains; although one is secreted and one is membrane-bound, the two LAIR proteins are thought to have arisen from a common gene ancestor and appear to share similar adhesion profiles. This suggests that LAIR-2 may compete with LAIR-1 for ligand binding. A 114 amino acid alternate splice form of LAIR-2 is truncated at the C terminus, but retains the entire Ig domain. The expression profile of these splice forms, and the presence of orthologs in other species, have not been reported.

**Form:**PBS

**Molecular Weight:**15.1 kDa

**Sequences:**Gln22-Pro152

**Purity:**> 95% by HPLC

**Concentration:**

**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.