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Product Datasheet

Recombinant Human LAIR2 (C-Fc) EBT-EPT260

Article Name	Recombinant Human LAIR2 (C-Fc)
Biozol Catalog Number	EBT-EPT260
Supplier Catalog Number	EPT260
Alternative Catalog Number	EBT-EPT260-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Leukocyte-Associated Immunoglobulin-Like Receptor 2 is produced by our Mammalian expression system and the target gene encoding Gln22-Pro152 is expressed with a Fc tag at the C-terminus....
Molecular Weight	Molecular weight: 41 KDa. Apparent molecular weight: 45-55 KDa, reducing conditions
UniProt	Q6ISS4
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test. Background: 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