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Datasheet for ABIN7505579

LAIR2 Protein (AA 22-152) (His tag)

Overview

Quantity:	100 µg
Target:	LAIR2
Protein Characteristics:	AA 22-152
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LAIR2 protein is labelled with His tag.

Product Details

Sequence:	Gln22-Pro152
Characteristics:	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 6His tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	LAIR2
Alternative Name:	LAIR2 (LAIR2 Products)
Background:	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

Target Details

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.

Synonym: Leukocyte-Associated Immunoglobulin-Like Receptor 2, LAIR-2, CD306, LAIR2

Molecular Weight: 15.1 kDa

UniProt: [Q6ISS4](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months