

RPCB2096

Product Information

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|---------------------|----------|--------------------|-------|--------------|-------|
| Product SKU: | RPCB2096 | Gene ID: | 52855 | Size: | 100µg |
| Tag: | C-His | Reactivity: | Mouse | | |

Additional Information

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|-------------------------|--|-------------------|----------|
| Expression Host: | HEK293 cells | Swissprot: | Q8BG84-1 |
| Purity: | > 95% as determined by Tris-Bis PAGE ; > 95% as determined by HPLC | | |

Protein Information

Background: LAIR1 (leukocyte-associated Ig-like receptor-1, designated CD305) is an approximately 40 kDa type I transmembrane inhibitory glycoprotein belonging to the Ig superfamily. LAIR1 functions as an inhibitory receptor that plays a constitutive negative regulatory role on cytolytic function of natural killer (NK) cells, B-cells and T-cells. Activation by Tyr phosphorylation results in recruitment and activation of the phosphatases PTPN6 and PTPN11. It also reduces the increase of intracellular calcium evoked by B-cell receptor ligation.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse LAIR-1/CD305 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: Less than 1EU per µg by the LAL method.

Formulation: -

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.