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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Recombinant Human LAIR2/CD306 Protein (His Tag)



Catalog Number:PDMH100012

Note: Centrifuge before opening to ensure complete recovery of vial contents.

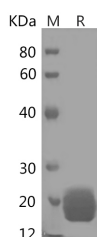
Description

| | |
|------------------------------------|--|
| Synonyms | Leukocyte-Associated Immunoglobulin-Like Receptor 2;LAIR-2;CD306;LAIR2 |
| Species | Human |
| Expression Host | HEK293 Cells |
| Sequence | Gln22-Pro152 |
| Accession | Q6ISS4 |
| Calculated Molecular Weight | 15.1 kDa |
| Observed molecular weight | 19 kDa |
| Tag | C-His |

Properties

| | |
|-----------------------|--|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | 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. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man |
| Reconstitution | Please refer to the printed manual for detailed information. |

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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