



Recombinant Protein Technical Manual
Recombinant Rat CLEC4B2/mDCAR1 Protein (His
Tag)
RPES5021

Product Data:

Product SKU: RPES5021

Size: 20µg

Species: Rat

Expression host: HEK293 Cells

Uniprot: Q67DU9

Protein Information:

Molecular Mass: 21.8 kDa

AP Molecular Mass: 31-36 kDa

Tag: N-His

Bio-activity:

Purity: > 85 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method

Storage: 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 sterile PBS, pH 7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: CLEC4B2;Aplra1

Immunogen Information:

Sequence: Met44-Leu208

Background:

Clec4b2, also known as mDCAR1, is a member of the DCIR/DCAR family. Expression of Clec4b2 was strongly tissue dependent. Clec4b2 expression on DCs was restricted to the CD8(+) DC subset in spleen and thymus and on subpopulations of CD11b(+) myeloid cells in bone marrow and spleen, whereas the molecule was not detectable on both cell types in lymph nodes and peripheral blood. Clec4b2 is a functional receptor on cells of the immune system and provides further insights into the regulation of immune responses by CLRs.