

Rcombinant Rat Clec4b2, His-tagged

Cat. No. Clec4b2-22R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the rat CLEC4B2 (Q67DU9) (Met44-Leu208) was expressed with a polyhistidine tag at the N-terminus.
Species	Rat
Source	Human Cells
ProteinLength	44-208 a.a.
Description	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.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant rat CLEC4B2 comprises 185 amino acids and has a predicted molecular mass of 21.8 kDa. The apparent molecular mass of the protein is

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approximately 31-36 kDa in SDS-PAGE under reducing conditions.

Endotoxin

< 1.0 eu per ug of the protein as determined by the lal

Purity

>85 % as determined by SDS-PAGE

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Storage

Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

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