Recombinant Human CD33 Protein (Asp18-His259, Val257Leu), C-Fc-tagged, Alexa Fluor 647 Conjugated

Product Information

Cat	*IMP-10120*
Official Symbol	*CD33*
Product Overview	*Alexa Fluor 647 conjugated recombinant human Siglec-3/CD33 protein (Asp18-His259) (Val257Leu) with a human IgG1 (Pro100-Lys330) Fc tag at C-terminus was expressed in Mouse myeloma cell line. Labeled with Alexa Fluor 647 via amines Excitation Wavelength: 650 nm Emission Wavelength: 668 nm*
Description	*Enables protein phosphatase binding activity and sialic acid binding activity. Involved in several processes, including negative regulation of cytokine production; negative regulation of monocyte activation; and positive regulation of protein tyrosine phosphatase activity. Located in several cellular components, including Golgi apparatus; external side of plasma membrane; and peroxisome.*
Expression System	*Mouse myeloma cell line*
Species	*Human*
Tag	*C-Fc*
Predicted N Terminal	*Asp18*
Form	*Supplied as a 0.2 μm filtered solution in PBS with BSA as a carrier protein.*
Conjugate	*Alexa Fluor 647*
Molecular Mass	*Predicted Molecular Mass: 53.4 kDa (monomer) SDS-PAGE: 67-85 kDa, under reducing conditions*
Protein length	*Asp18-His259, Val257Leu*
Bio-activity	*Measured by flow cytometry for its ability to bind anti-human Siglec-3/CD33 Monoclonal Antibody conjugated beads. The concentration of Recombinant Human Siglec-3/CD33 Fc Chimera Alexa Fluor 647 that produces 50% of the binding response is 0.50-20.0 ng/mL.*
Endotoxin	
Purity	*>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.*
Notes	*Disulfide-linked homodimer*
Storage	*Protect from light. Use a manual defrost freezer and avoid repeated freeze-*

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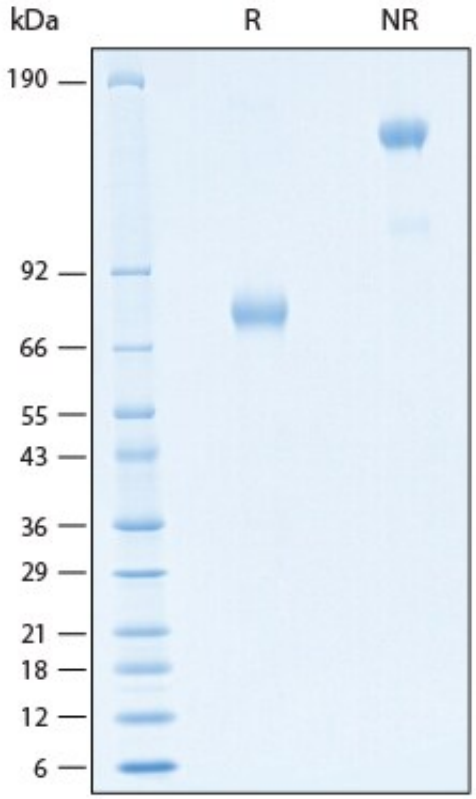
thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after opening. 3 months, -20 to -70 centigrade under sterile conditions after opening.

SDS-PAGE



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