

Recombinant Human CD244 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. CD244-903HAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 647 conjugated recombinant human CD244 (NP_057466.1) extracellular domain (Met 1-Arg 221), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 211

Form Lyophilized

Molecular Mass The recombinant 2B4 comprises 211 amino acids and predicts a molecular mass of 23.8 kDa. As a result of glycosylation, the rh 2B4 protein migrates as an approximately 45-50 kDa band in SDS-PAGE under reducing conditions.

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

Characteristic Disulfide-linked homodimer
Labeled with Alexa Fluor 647 via amines
Excitation = 650 nm
Emission = 668 nm

Stability Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	CD244 CD244 molecule, natural killer cell receptor 2B4 [Homo sapiens]
Official Symbol	CD244
Gene ID	51744
mRNA Refseq	NM_001166663
Protein Refseq	NP_001160135
MIM	605554
UniProt ID	Q9BZW8

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