

Recombinant Rhesus CD1A Protein, His-tagged

Cat. No. CD1A-316R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus CD1A(NP_001139290.1) (Met1-Ser299) of was expressed with a polyhistidine tag at the C-terminus.
Species	Rhesus macaque
Source	HEK293
Protein Length	Met1-Ser299
Predicted N Terminal	Asp19 & Ile 21
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant heterodimer of rhesus CD1A&B2M comprises 391 (292+99) amino acids and has a calculated molecular mass of 45.2 (33.6+11.6) KDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> (88.9+9.2) % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Official Symbol**

CD1A

Synonyms

CD1A;T-cell surface glycoprotein CD1a

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