Recombinant Rhesus CD1A&B2M protein, His-tagged

Cat. No. CD1A&B2M-336R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus CD1A&B2M protein(NP_001139290.1) (Met1-Ser299) of was expressed with a polyhistidine tag at the C-terminus, constructed the plasmid 1; Recombinant Rhesus B2M (NP_001040602.1) (Met1-Met119) constructed the plasmid 2.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Ser299&Met1-Met119
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 of the protein as determined by the LAL method
Purity	>95% as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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