

Recombinant Cynomolgus CD1E & B2M Protein, His-tagged

Cat. No. CD1E & B2M-1255C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant cynomolgus CD1E(EHH50396.1) (Glu32-Gly303) was fused with a polyhistidine tag at the N-terminus, constructed the plasmid 1; Recombinant cynomolgus B2M (Q6V7J5) (Met1-Met119) was expressed, constructed the plasmid 2. The two plasmids were co-ex
Species	Cynomolgus
Source	HEK293
ProteinLength	32-303;1-119 a.a.
Predicted N Terminal	His & Ile 21
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant heterodimer of cynomolgus CD1E/B2M comprises 390 (291+99) amino acids and has a calculated molecular mass of 44.5 (32.9+ 11.6) KDa. The apparent molecular mass of cyno CD1E/B2M heterodimer is approximately 37.8 and 13.6 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	(63.4 + 34.8) % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	CD1E CD1e molecule [<i>Macaca fascicularis</i>]
Official Symbol	CD1E
Synonyms	CD1e molecule
Gene ID	102139678
mRNA Refseq	
Protein Refseq	
MIM	
UniProt ID	
Chromosome Location	chromosome: 1
Pathway	Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem