

Recombinant Mouse CD1D2 Protein, His-tagged

Cat. No. CD1D2-319M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD1D2 (Met1-Gly305) was expressed with a polyhistidine tag at the C-terminus, constructed the plasmid 1; A DNA sequence encoding the mouse B2M (Met1-Met119) constructed the plasmid 2. The two plasmids were co-expressed and the mouse CD1D2/B2M heterodimer was purified.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly305
Predicted N Terminal	Gln22 & 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 mouse CD1D2&B2M comprises 394 (295+99) amino acids and has a calculated molecular mass of 45.4 (33.7+11.7) KDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> (71.2+25.9) % 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

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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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Official Symbol**

CD1D2

Synonyms

CD1D2;CD1D2&B2M Protein

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