

## Recombinant Human CD1B & B2M protein(Met1-Ser303 & Met1-Met119), His-tagged

Cat. No. CD1B & B2M-249H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD1B & B2M protein(NP_001755.1 & P61769)(Met1-Ser303 & Met1-Met119), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ser303 & Met1-Met119
<b>similar</b>	CD1B; B2M
<b>Alias</b>	CD1B; B2M
<b>Conjugate</b>	C-His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bioactivity</b>	
<b>MolecularMass</b>	The recombinant heterodimer of human CD1B/B2M comprises 397 (297+100) amino acids and has a calculated molecular mass of 44.7 (33.0+ 11.7) KDa. The apparent molecular mass of rh CD1B/B2M heterodimer is approximately 39.6 and 13.1 KDa respectively in SDS-PAGE under reducing conditions.

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<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	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.
<b>GeneName</b>	
<b>GeneNameWeblink</b>	
<b>OfficialSymbol</b>	CD1B; B2M
<b>OfficialSymbolWeblink</b>	
<b>GeneID</b>	
<b>GeneIDWeblink</b>	
<b>mRNARefseq</b>	
<b>mRNARefseqWeblink</b>	
<b>ProteinRefseqWeblink</b>	
<b>MIMWeblink</b>	
<b>UniProtID</b>	
<b>UniProtIDWeblink</b>	

## GENE INFORMATION

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**Synonyms**

**MIM**

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