

Recombinant Mouse Cd34 protein(Met1-Thr287), His-tagged

Cat. No. Cd34-3313M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd34 protein(NP_001104529.1)(Met1-Thr287), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr287
similar	Cd34
Alias	CD34; CD34 antigen; hematopoietic progenitor cell antigen CD34; cluster designation 34; AU040960;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant mouse CD34 consists of 264 amino acids and has a predicted molecular mass of 28.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCD34 is approximately 50-60 kDa due to glycosylation.

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % 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.
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.
GeneName	Cd34 CD34 antigen [Mus musculus]
GeneNameWeblink	12490
OfficialSymbol	Cd34
OfficialSymbolWeblink	12490
GeneID	12490
GeneIDWeblink	12490
mRNARefseq	NM_001111059
mRNARefseqWeblink	NM_001111059.1
ProteinRefseqWeblink	NP_001104529.1
MIMWeblink	
UniProtID	

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UniProtIDWeblink	
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GENE INFORMATION

Synonyms	CD34; CD34 antigen; hematopoietic progenitor cell antigen CD34; cluster designation 34; AU040960;
MIM	

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