

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Cd34 protein(NP_001104529.1)(Met1-Thr287), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Thr287
<b>similar</b>	Cd34
<b>Alias</b>	CD34; CD34 antigen; hematopoietic progenitor cell antigen CD34; cluster designation 34; AU040960;
<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 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.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 98 % 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>	Cd34 CD34 antigen [ <i>Mus musculus</i> ]
<b>GeneNameWeblink</b>	<a href="#">12490</a>
<b>OfficialSymbol</b>	Cd34
<b>OfficialSymbolWeblink</b>	<a href="#">12490</a>
<b>GenelD</b>	12490
<b>GenelDWeblink</b>	<a href="#">12490</a>
<b>mRNARefseq</b>	NM_001111059
<b>mRNARefseqWeblink</b>	<a href="#">NM_001111059.1</a>
<b>ProteinRefseqWeblink</b>	<a href="#">NP_001104529.1</a>
<b>MIMWeblink</b>	
<b>UniProtID</b>	

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UniProtIDWeblink

## GENE INFORMATION

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

**MIM**

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