Recombinant Mouse Procr protein(Met1-Ser214), hFc-tagged

Cat. No. Procr-7004M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PROCR (Q64695)(Met 1-Ser 214) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ser214
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 secreted recombinant mouse PROCR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 438 amino acids and has a calculated molecular mass of 49.3 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 65-75 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 85 % 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.

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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

Gene Name	Procr protein C receptor, endothelial [Mus musculus]
Official Symbol	Procr
Synonyms	PROCR; protein C receptor, endothelial; endothelial protein C receptor; APC receptor; centrocyclin; CD antigen CD201; centrosomal protein CCD41; activated protein C receptor; endothelial cell protein C receptor; Ccca; Epcr; Ccd41; AI325044;
Gene ID	19124
mRNA Refseq	NM_011171
Protein Refseq	NP_035301

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