

Recombinant Mouse GPVI Protein

Catalog No.: RP02783LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	243816	P0C191

Tags

C-His

Synonyms

GPVI; Gp6; Glycoprotein 6; MGC138168

Product Information

Source	Purification
HEK293 cells	> 95% as determined by HPLC

Endotoxin

<1EU/μg

Formulation

Supplied as a 0.22 μm filtered solution in PBS, pH 7.4.

Reconstitution

Background

Although platelets are best known for their role in hemostasis, they are also crucial in development, host defense, inflammation, and tissue repair. Many of these roles are regulated by the immune-like receptors glycoprotein VI (GPVI) and C-type lectin receptor 2 (CLEC-2), which signal through an immunoreceptor tyrosine-based activation motif (ITAM). GPVI is activated by collagen in the subendothelial matrix, by fibrin and fibrinogen in the thrombus, and by a remarkable number of other ligands.

Basic Information

Description

Recombinant Mouse GPVI Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln22-Lys265) of mouse GPVI (Accession #NP_001156486.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

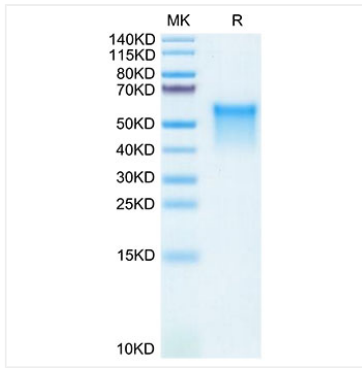
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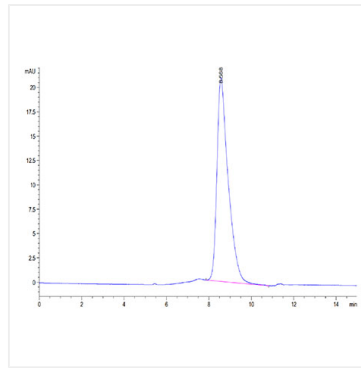
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Validation Data



Recombinant Mouse GPVI Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 50-60 kDa.



The purity of Mouse GPVI is greater than 95% as determined by SEC-HPLC.