Recombinant Mouse GPVI Protein

Catalog No.: RP02783LQ

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Sequence Information

Species
Mouse

Gene ID
243816

Swiss Prot
P0C191

Tags
C-His

Synonyms
GPVI; Gp6; Glycoprotein 6; MGC138168

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.≥ 95 % as determined by HPLC.

Calculated MW
28 kDa

Observed MW
50-60 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

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.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

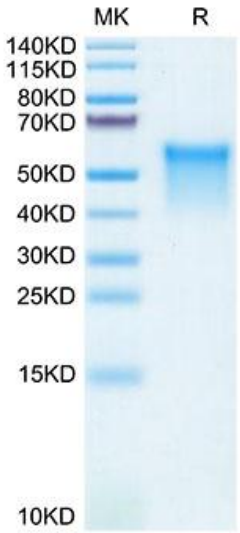
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

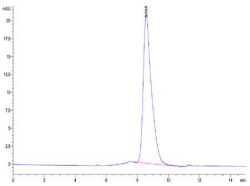
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Validation Data



Recombinant Mouse GPVI Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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

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