

RPCB1125

Product Information

Product SKU: RPCB1125 **Gene ID:** 3827 **Size:** 10µg
Tag: C-His **Reactivity:** Human

Additional Information

Expression Host: HEK293 cells **Swissprot:** P01042-2
Purity: > 97% by SDS-PAGE.

Protein Information

Background: Kininogen-1 (KNG1) is also known as high molecular weight kininogen, Alpha-2-thiol proteinase inhibitor, Fitzgerald factor, Williams-Fitzgerald-Flaujeac factor, which can be cleaved into the following 6 chains: Kininogen-1 heavy chain, T-kinin, Bradykinin, Lysyl-bradykinin, Kininogen-1 light chain, Low molecular weight growth-promoting factor. Kininogen-1 is a secreted protein which contains three cystatin domains. HMW-kininogen plays an important role in blood coagulation by helping to position optimally prekallikrein and factor XI next to factor XII. As with many other coagulation proteins, the protein was initially named after the patients in whom deficiency was first observed. Patients with HWMK deficiency do not have a hemorrhagic tendency, but they exhibit abnormal surface-mediated activation of fibrinolysis.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human Kininogen-1/KNG1 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

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