

Active Recombinant Rhesus KIT protein(Met1-Thr520), His-tagged

Cat. No. KIT-2409R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus KIT (NP_001253024.1) (Met1-Thr520) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Thr520
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Recombinant Rhesus c-Kit Protein (ECD, His Tag) at 2µg/mL (100µL/well) can bind Recombinant Human SCF / C-kit ligand Protein (aa 1-189, His & AVI Tag), Biotinylated, the EC50 is 1.3-4.6 ng/mL.
Molecular Mass	The recombinant Rhesus KIT consists of 506 amino acids and predicts a molecular mass of 57 kDa. It migRates as an approximately 93.3 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.

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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.

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.

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