

Recombinant Human KIT/SCFR Protein (His Tag)

Catalog Number:PKSH033822



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms

C Kit, c-Kit, c-Kit Ligand, CD117, Kit, Kit Ligand, KIT oncogene, KIT proto oncogene receptor tyrosine kinase, KIT, Mast cell growth factor receptor, Mast/stem cell growth factor receptor Kit, MGF, p145 c-kit, PBT, Piebald trait protein, Proto oncogene c Kit, Proto oncogene tyrosine protein kinase Kit, Proto-oncogene c-Kit, SCF Receptor, SCFR, soluble KIT variant 1, Steel Factor Receptor, Stem cell factor receptor, tyrosine protein kinase Kit, Tyrosine-protein kinase Kit, v kit Hardy Zuckerman 4 feline sarcoma viral oncogene homolog, v kit Hardy Zuckerman 4 feline sarcoma viral oncogene like protein, v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog

Species

Human

Expression Host

E.coli

Sequence

Gln26-Arg205

Accession

P10721-1

Calculated Molecular Weight

20.1 kDa

Observed molecular weight

22.4 kDa

Tag

N-His

Bioactivity

Testing in progress

Properties

Purity

> 95 % as determined by reducing SDS-PAGE.

Endotoxin

Please contact us for more information.

Storage

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping

This product is provided as lyophilized powder which is shipped with ice packs.

Formulation

Lyophilized from sterile PBS, pH 7.4.

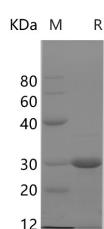
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution

Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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Background

This gene encodes the human homolog of the proto-oncogene c-kit. C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in this gene are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism. Multiple transcript variants encoding different isoforms have been found for this gene.

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