

Human KIT / c-KIT / CD117 (aa 50-190, His Tag) recombinant protein



Catalog Number: 500289

General Information

Gene Name Synonym

Piebald trait protein; Proto-oncogene c-Kit;
Tyrosine-protein kinase Kit; p145 c-kit; v-kit
Hardy-Zuckerman 4 feline sarcoma viral oncogene
homolog

Protein Construction

A DNA sequence encoding the human KIT
(P10721-1) (Val50-Gln190) was expressed with a
polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from
date of receipt at -70°C

Predicted N terminal

His

Molecular Mass

The recombinant human KIT consists of 156 amino
acids and predicts a molecular mass of 17.9 KDa.
It migrates as an approximately 18 KDa band in
SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 137mM NaCl, 2.7mM KCl,
10mM Na₂HPO₄, 1.8mM KH₂PO₄, 15% glycerol,
pH 2.7.

1. 5 % trehalose and mannitol are added as
protectants before lyophilization.
2. Please contact us for any concerns or special
requirements.

Usage Guide

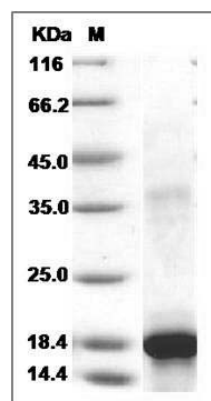
Storage

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

Adding sterile water, prepare a stock solution of
0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human KIT / c-KIT / CD117 Protein (aa 50-190,
His Tag) SDS-PAGE