

Recombinant Human KIT protein, His-tagged

Cat. No. KIT-396H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIT protein(P10721-1)(Val50-Gln190), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val50-Gln190
Form	Lyophilized from sterile 137mM NaCl, 2.7mM KCl, 10mM Na ₂ HPO ₄ , 1.8mM KH ₂ PO ₄ , 15% glycerol, pH 2.7. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Purity	> 90 % as determined by SDS-PAGE
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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [KIT v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog \[Homo sapiens \]](#)

Official Symbol [KIT](#)

Synonyms KIT; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog; PBT, piebald trait; mast/stem cell growth factor receptor Kit; C Kit; CD117; SCFR; p145 c-kit; proto-oncogene c-Kit; piebald trait protein; soluble KIT variant 1; tyrosine-protein kinase Kit; proto-oncogene tyrosine-protein kinase Kit; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene-like protein; PBT; C-Kit;

Gene ID [3815](#)

mRNA Refseq [NM_000222](#)

Protein Refseq [NP_000213](#)

MIM [164920](#)

UniProt ID [P10721](#)

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