

Recombinant Human KIT protein, His & T7-tagged

Cat. No. KIT-794H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIT aa. (Thr321~Pro520 (Accession # P10721)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr321~Pro520
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

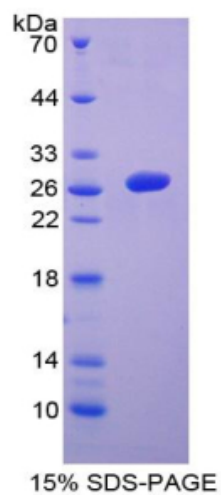
Gene Name	KIT KIT proto-oncogene receptor tyrosine kinase [Homo sapiens (human)]
Official Symbol	KIT
Synonyms	PBT; SCFR; C-Kit; CD117; c-Kit protooncogene; p145 c-kit; piebald trait protein; proto-oncogene c-Kit; proto-oncogene tyrosine-protein kinase Kit; soluble KIT variant 1; tyrosine-protein kinase Kit; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene-like protein; mast/stem cell growth factor receptor Kit
Gene ID	3815
mRNA Refseq	NM_000222.2
Protein Refseq	NP_000213.1
UniProt ID	P10721

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SDS-PAGE



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