

Recombinant Partial Human KIT (D816V) protein, GST-tagged

Cat. No. KIT-31H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIT D816V partial mutated protein (754 a.a. - 875 a.a.) fused with GST, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	754-875 a.a.
Form	20 mM PBS, 150 mM ClNa, pH 7,2 ; without BSA and Azide
Molecular Mass	37 kDa
AA Sequence	PAIMEDDELALDLEDLLSFSYQVAKGMAFLASKNCIHRDLAARNILLTHGRITKICDFG LARVIKNDSDNYVVKGN ARLPVKWMAPESIFNCVYTFESDVWSYGIFLWELFSLGSS PYPGMPV
Purity	>90 % as determined by SDS-PAGE analysis
Applications	ELISA, WB, Antibody Production, Protein array
Storage	Store at - 80 °C. Avoid repeated freeze/thaw cycles

GENE INFORMATION

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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
Chromosome Location	4q11-q12
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; C-MYB transcription factor network, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	ATP binding; cytokine binding; metal ion binding; nucleotide binding; protease

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binding; protein binding; protein homodimerization activity; protein tyrosine kinase activity; receptor activity; receptor signaling protein tyrosine kinase activity; stem cell

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