



# Creative Enzymes

Diagnostic Enzymes

## Human KIT Protein (BTN-Tag), Recombinant

### Product Information

<b>Cat#</b>	TRA-323
<b>Specification</b>	10µg(min)
<b>Description</b>	The cytoplasmic domain of human KIT was produced as an N-terminal DYKDDDDK-tagged, biotinylated protein 53 kDa using a baculovirus expression system. Following purification with DYKDDDDK tag antibody agarose and activation with ATP, the activated protein was isolated by gel filtration.
<b>Applications</b>	For use as a positive control in KIT mutation detection assays for GIST and melanoma companion diagnostics.
<b>Synonyms</b>	KIT, C-Kit, CD117, MASTC, PBT, SCFR
<b>Source</b>	Insect (sf21)
<b>Molecular Weight</b>	53 kDa
<b>Class</b>	Receptor Tyrosine Kinase
<b>Group</b>	TK
<b>Family</b>	PDGFR
<b>Gene Name</b>	KIT   KIT proto-oncogene, receptor tyrosine kinase
<b>Sequence</b>	544-976 (end)
<b>Accession Number</b>	NP_000213
<b>Tag</b>	BTN-Tag
<b>Tag Location</b>	N-terminal DYKDDDDK
<b>Storage Buffer</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH 7.5
<b>Storage</b>	Store at -80°C. Avoid repeating freeze-thaws.

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