

c-KIT (T670I) Recombinant Protein | c-KIT recombinant protein

c-KIT (T670I), Active

CATALOG # AAA73289	HOST Sf9 insect cells	APPLICATIONS Kinase Assay
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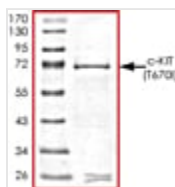
PRODUCT SYNONYMS

c-KIT (T670I); Active; PBT; SCFR; CD118; c-KIT recombinant protein

PRODUCT SPECIFICATIONS

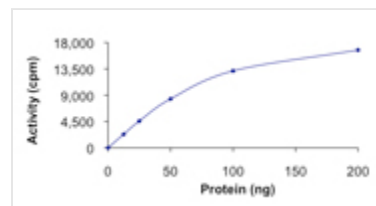
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for c-KIT recombinant protein	Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for c-KIT recombinant protein	Recombinant human c-KIT (T670I)(544-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_000222. c-KIT (T670I) is a protein that belongs to the type I cytokine receptor family which combines with a high-affinity converter subunit, gp130, to form a receptor complex that mediates the action of the leukemia inhibitory factor, a polyfunctional cytokine that is involved in cellular differentiation, proliferation and survival in the adult and the embryo (1). c-KIT (T670I) is a good candidate gene and the mutation of this gene cause Schwartz-Jampel syndrome type 2, a disease belonging to the group of the bent-bone dysplasias (2).
Product Categories/Family for c-KIT recombinant protein	Mutant Kinases; Cancer; Inflammation; Neurobiology; Receptor Tyrosine Kinases

References

1. Gearing, D. P. et.al: The leukemia inhibitory factor receptor (LIFR) gene is located within a cluster of cytokine receptor loci on mouse chromosome 15 and human chromosome 5p12-p13. Genomics 18: 148-150, 1993.
2. Dagoneau, N. et.al: Null leukemia inhibitory factor receptor (LIFR) mutations in Stuve-Wiedemann/Schwartz-Jampel type 2 syndrome. Am. J. Hum. Genet. 74: 298-305, 2004.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

NM_000222

Molecular Weight

~73kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/c-kit-t670i-recombinant-protein-sf9-kinase-assay/73289>