

TYRO3 recombinant protein

TYRO3, Active

CATALOG # AAA74068	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

TYRO3; Active; BYK; RSE; Dtk; Sky; Tif; Brt; TYRO3 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 TYRO3 recombinant protein	WB (Western Blot), 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 TYRO3 recombinant protein	Recombinant human TYRO3 (455-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_006293. TYRO3 receptor protein tyrosine kinase together with AXL and MER form the AXL/TYRO3 family of receptor tyrosine kinases (1). Members of this family play an essential role in spermatogenesis, immunoregulation, and phagocytosis. In addition to signal transduction, members of this family of receptor tyrosine kinases participate in cell adhesion (2). Gas6, a product of growth arrest-specific gene, activates the kinase activity of all three receptors. TYRO3 is expressed in the brain (where it is involved in the protection of neurons from apoptosis), expressed in lymphoid, vascular and reproductive tissue and in primary and tumor cell lines.
Product Categories/Family for TYRO3 recombinant protein	Protein Kinases ; Cancer ; Inflammation ; Invasion/Metastasis ; Neurobiology ; Receptor Tyrosine Kinases
References	- Angelillo-Scherrer, A. et al: Role of Gas6 receptors in platelet signaling during thrombus stabilization and implications for antithrombotic therapy. J. Clin. Invest. 2005; 115: 237-246. - Liao, X. et al: Receptor tyrosine kinase gene Tyro3 maps to mouse chromosome 2, closely linked to Ltk. Mammalian Genome, 1996. 7: 395-396.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_006293
Molecular Weight	~77kDa

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://stage.aaabiotech.com/tyro3-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/74068>