

For Research Use Only

Recombinant Mouse TYRO3 protein (rFc Tag)



Catalog Number: Eg2918

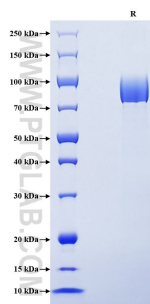
Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Mouse TYRO3 protein Ala31-Ser418 (Accession# P55144-1) with a rabbit IgG Fc tag at the C-terminus. GeneID: 22174 Accession: P55144-1 Predicted Molecular Mass: 67.8 kDa SDS-PAGE: 75-100 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	TYRO3 has a structure includes a cytoplasmic domain and an extracellular ligand binding region. And ligand binding at the cell surface induces dimerization and autophosphorylation of TYRO3 on its intracellular domain that provides docking sites for downstream signaling molecules. TYRO3 is associated with many physiological processes including cell survival, migration and differentiation. It has been reported that TYRO3 can be expressed in various regions of the mammalian central nervous system.		
References	1. Tomobe YI. et al, (1996) Neurosci Lett. 214(1):57-60. 2. Pierce A. et al. (2011) Mol Cell Endocrinol. 339(1-2):151-8.		
Synonyms	Dtk, EC:2.7.10.1, Etk2/tyro3, Rse, Tif		

For technical support and original validation data for this product please contact

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Selected Validation Data



Purity of Recombinant Mouse TYRO3 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.