

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.

GenID:

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.

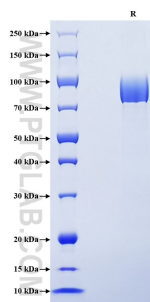
References

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

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.

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

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