

Catalog No.: RP00203 **Recombinant**

Species	Gene ID	Swiss Prot
Human	7301	O06418

Tags
C-hFc&His

BYK; Dtk; Etk-2; RSE; Rek; Sky;
Tif; TYRO3; Dtk; Etk-2; RSE; Rek; Sky; Tif

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE

Calculated MW	Observed MW
68.32 kDa	90-100 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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TYRO3, also known as Axl (Ufo, Ark), Dtk (Sky, Tyro3, Rse, Brt) and Mer (human and mouse homologues of chicken c-Eyk) constitute a new receptor tyrosine kinase subfamily. TYRO3 protein is activated by the products of the growth arrest-specific gene 6 and protein S genes and is involved in controlling cell survival and proliferation, spermatogenesis, immunoregulation and phagocytosis. TYRO3 has also been identified as a cell entry factor for Ebola and Marburg viruses.

Recombinant Human TYRO3 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala41-Ser428) of human Tyro3/Dtk (Accession #NP_006284.2) fused with an Fc, 6×His tag at the C-terminus.

Measured by its binding ability in a functional ELISA. Immobilized Human Gas6 at 2 $\mu\text{g/mL}$ (100 μL /well) can bind Human TYRO3 with a linear range of 0.1-5.6 ng/mL .

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

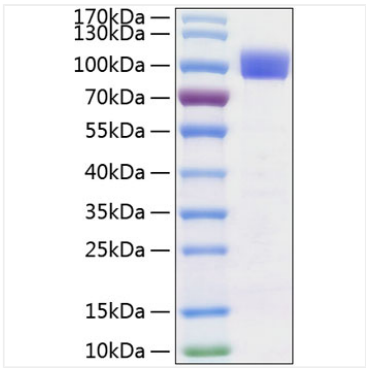
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

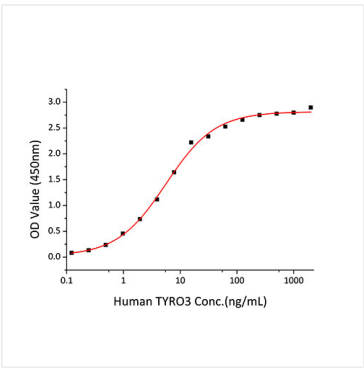
Avoid repeated freeze/thaw cycles.

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Human TYRO3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human Gas6 at 2 μ g/mL (100 μ L/well) can bind Human TYRO3 with a linear range of 0.1-5.6 ng/mL.