



[Go to Product page](#)

Datasheet for ABIN2181883

## TYRO3 Protein (AA 41-428) (Fc Tag)

### 1 Image

#### Overview

Quantity:	200 µg
Target:	TYRO3
Protein Characteristics:	AA 41-428
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TYRO3 protein is labelled with Fc Tag.

#### Product Details

Sequence:	AA 41-428
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 68.2 kDa. The protein migrates as 85-110 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

#### Target Details

Target:	TYRO3
Alternative Name:	TYRO3 ( <a href="#">TYRO3 Products</a> )

## Target Details

**Background:** Tyrosine-protein kinase receptor TYRO3 is also known as Tyrosine-protein kinase BYK, DTK, RSE, SKY, TIF, which belongs to the protein kinase superfamily, Tyr protein kinase family and AXL/UFO subfamily. TYRO3 regulates many physiological processes including cell survival, migration and differentiation. TYRO3 activates the AKT survival pathway, including nuclear translocation of NF-kappa-B and up-regulation of transcription of NF-kappa-B-regulated genes. TYRO3 interacts (via N-terminus) with extracellular ligands TULP1 and GAS6. By similarity and also interacts with PIK3R1, this interaction increases PI3-kinase activity.

**Molecular Weight:** 68.2 kDa

**Pathways:** [RTK Signaling](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

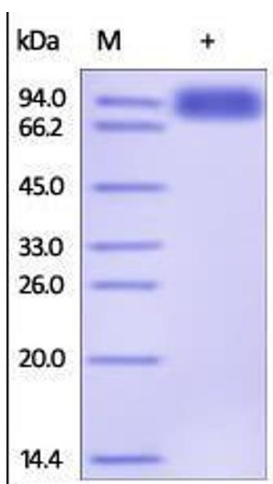
**Buffer:** Tris with Glycine, Arginine and NaCl, pH 7.5

**Handling Advice:** Please avoid repeated freeze-thaw cycles.

**Storage:** -20 °C

**Storage Comment:** No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

## Images



### SDS-PAGE

**Image 1.** Human TYRO3, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.