

Datasheet for ABIN7596465

## TYRO3 Protein (AA 31-419) (hIgG-His-tag)



[Go to Product page](#)

### Overview

Quantity:	250 µg
Target:	TYRO3
Protein Characteristics:	AA 31-419
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TYRO3 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

### Product Details

Sequence:	AGLKLMGAPV KMTVSQGPV KLNCSVEGME DPDIHWMKDG TVVQNASQVS ISISEHSWIG LLSLKSVERS DAGLYWCQVK DGEETKISQS VWLTVEGVPF FTVEPKDLAV PPNAPFQLSC EAVGPPEPVT IYWWRGLTKV GGPAPSPSVL NVTGVTQRTE FSCEARNIKG LATSIPAIVR LQAPPAAPFN TTVTTISSYN ASVAWVPGAD GLALLHSCTV QVAHAPGEWE ALAVVVPVPP FTCLLRNLAP ATNYSRLVRC ANALGPSPYG DWVPFQTKGL APARAPQNFH AIRTDSGLIL EWEEVIPEDP GEGPLGPYKL SWVQENGTDQ ELMVEGTRAN LTDWDPQKDL ILRVCSNAI GDGPWSQPLV VSSHDHAGRQ GPPHSRTSW
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

## Target Details

Target:	TYRO3
Alternative Name:	Tyro3/Dtk ( <a href="#">TYRO3 Products</a> )
Background:	<p>Tyro3, also known as tyrosine-protein kinase receptor TYRO3 isoform A, is one of the receptor tyrosinekinase subfamily. It transduces signals from the extracellular matrix into the cytoplasm by binding to severalligands including TULP1 or GAS6. This protein regulates many physiological processes including cellsurvival, migration and differentiation. It activates the AKT survival pathway, including nuclear translocation of NF-kappa-B and up-regulation of transcription of NF-kappa-B-regulated genes. This protein plays a role invarious processes such as neuron protection from excitotoxic injury, platelet aggregation and cytoskeletonreorganization. Recombinant mouse Tyro3, fused to hIgG-His-tag at C-terminus, was expressed in insect celland purified by using conventional chromatography techniques.</p>
Molecular Weight:	68.9 kDa (628aa)
NCBI Accession:	<a href="#">NP_062265</a>
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.