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Datasheet for ABIN7534238
TYRO3 Protein (Fc Tag,His tag)

Overview

Quantity:	100 µg
Target:	TYRO3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TYRO3 protein is labelled with Fc Tag,His tag.

Product Details

Purpose:	Active Recombinant Human TYRO3 Protein
Sequence:	AGLKLMGAPV KLTVSQQQPV KLNCSVEGME EPDIQWVKDG AVVQNLDQLY IPVSEQHWIG FLSLKSVERS DAGRYWCQVE DGGETEISQP VWLTVEGVPF FTVEPKDLAV PPNAPFQLSC EAVGPPEPVT IVWWRGTTKI GGPAPSPSVL NVTGVTQSTM FSCEAHNLKG LASSRTATVH LQALPAAPFN ITVTKLSSSN ASVAWMPGAD GRALLQSCTV QVTQAPGGWE VLAVVVPVPP FTCLLRDLVP ATNYSRLVRC ANALGSPSYA DWVPFQTKGL APASAPQNLH AIRTDSGLIL EWEEVIPEAP LEGPLGPYKL SWVQDNGTQD ELTVEGTRAN LTGWDPQKDL IVRVCVSNV GCGPWSQPLV VSSHDRAGQQ GPPHSRTS
Specificity:	Ala41-Ser428
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

Product Details

Biological Activity Comment: Measured by its binding ability in a functional ELISA. Immobilized Human Gas6 at 2 µg/mL (100 µL/well) can bind Human TYRO3 with a linear range of 0.1-5.6 ng/mL.

Target Details

Target: TYRO3

Alternative Name: TYRO3 ([TYRO3 Products](#))

Background: Description: 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.

Name: BYK, Dtk, Etk-2, RSE, Rek, Sky, Tif, TYRO3, Dtk, Etk-2, RSE, Rek, Sky, Tif

Gene ID: 7301

UniProt: [Q06418](#)

Pathways: [RTK Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: 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.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C, -80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.