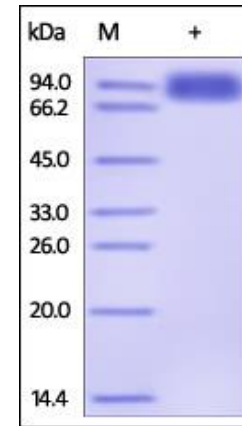


Human CellExp™ TYRO3 / Dtk, Human recombinant

CATALOG NO:	P1136-20 50 µg P1136-100 200 µg
ALTERNATE NAMES:	TYRO3, BYK, DTK, RSE, SKY, TIF
SOURCE:	HEK 293 cells (Ala 41 – Ser 428)
PURITY:	> 95% by SDS – PAGE
MOL. WEIGHT:	TYRO3 / DTK Fc Chimera, fused with Fc fragment of human IgG1 at the C-terminus, has a calculated MW of 68.2 kDa. The predicted N-terminus is Ala 41. DTT-reduced Protein migrates as 85-110 kDa due to glycosylation.
ENDOTOXIN LEVEL:	< 1.0 EU per 1µg of protein (determined by LAL method)
FORM:	Lyophilized
FORMULATION:	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally Mannitol or Trehalose is added as a protectant before lyophilization.
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 50 µg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% (W/V) HSA or BSA) is recommended for further dilution and long term storage. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -80°C.
DESCRIPTION:	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.



The purity of rh TYRO3 / DTK Fc Chimera was determined by DTT-reduced (+) SDS-PAGE and staining overnight with Coomassie Blue.

RELATED PRODUCT:

- Human CellExp™ R spondin-1, Human recombinant (Cat. No. 7482-10)
- Human CellExp™ RAGE, Human recombinant (Cat. No. 4271-10, -50, -1000)
- Human CellExp™ R-Spondin 3 /RSPO3 (22-146), Human recombinant (Cat. No. 7463-10)
- Human CellExp™ sDLL-1, Human Recombinant (Cat. No. 7133-10, -50)
- Human CellExp™ sDLL-4, Human Recombinant (Cat. No. 7134-10, -50)
- Human CellExp™ SFRP1/SARP2, Human recombinant (Cat. No. 7458-10)
- Human CellExp™ SHH, Human recombinant (Cat. No. 7223-10)
- Human CellExp™ TFPI, Human recombinant (Cat. No. 7453-10)
- Human CellExp™ VCAM-1, Human Recombinant (Cat. No. 7211-10, -50)
- Human CellExp™ ANG-1, Human Recombinant (Cat. No. 7115-10, -50)

FOR RESEARCH USE ONLY! Not to be used on humans.

