Recombinant Human TYRO3

Cat. No. TYRO3-31545TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TYRO3 Fragment expressed by Baculovirus in Sf9 cells using an N terminal enzyme tag.
Species	Human
Description	The gene is part of a 3-member transmembrane receptor kinase receptor family with a processed pseudogene distal on chromosome 15. The encoded 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. The encoded protein has also been identified as a cell entry factor for Ebola and Marburg viruses.
Tissue specificity	Abundant in the brain and lower levels in other tissues.
Biological activity	Specific activity: 154 nmol/min/mg.
Form	Liquid
Storage buffer	Preservative: NoneConstituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence	Belongs to the protein kinase superfamily. Tyr protein kinase family. AXL/UFO

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Similarities	subfamily.Contains 2 fibronectin type-III domains.Contains 2 Ig-like C2-type (immunoglobulin-like) domains.Contains 1 protein kinase domain.

GENE INFORMATION

Gene Name	TYRO3 TYRO3 protein tyrosine kinase [Homo sapiens]
Official Symbol	TYRO3
Synonyms	TYRO3; TYRO3 protein tyrosine kinase; RSE; tyrosine-protein kinase receptor TYRO3; Brt; Dtk; Sky; Tif;
Gene ID	7301
mRNA Refseq	NM_006293
Protein Refseq	NP_006284
MIM	600341
Uniprot ID	Q06418
Chromosome Location	15q15.1-q21.1
Function	ATP binding; nucleotide binding; phosphatidylinositol 3-kinase binding; protein heterodimerization activity; receptor activity;

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