



Human TYRO3 peptide (DAG-P1288)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, May 2010]
Specificity	Abundant in the brain and lower levels in other tissues.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. AXL/UFO subfamily. Contains 2 fibronectin type-III domains. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	TYRO3 TYRO3 protein tyrosine kinase [Homo sapiens (human)]
Official Symbol	TYRO3
Synonyms	TYRO3; TYRO3 protein tyrosine kinase; BYK; Dtk; RSE; Sky; Tif; tyrosine-protein kinase

receptor TYRO3; tyrosine-protein kinase DTK; tyrosine-protein kinase RSE; tyrosine-protein kinase SKY; tyrosine-protein kinase TIF; tyrosine-protein kinase byk;

Entrez Gene ID	7301
mRNA Refseq	NM_006293.3
Protein Refseq	NP_006284.2
UniProt ID	Q06418
Chromosome Location	15q15
Function	ATP binding; phosphatidylinositol 3-kinase binding; protein binding; protein heterodimerization activity; protein tyrosine kinase activity; receptor signaling protein tyrosine kinase activity; transmembrane receptor protein tyrosine kinase activity;