

Product datasheet for **TP727259**

Tyro3 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Tyrosine-Protein Kinase Receptor TYRO3/Dtk (C-mFc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala31-Ser418
Tag:	C-mFc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Developmental Tyrosine Kinase/Tyrosine Protein Kinase Receptor TYRO3 is produced by our Mammalian expression system and the target gene encoding Ala31-Ser418 is expressed with a mFc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	22174
UniProt ID:	P55144
Summary:	Dtk, also called Tyro3, belongs to the TAM receptor family of receptor protein tyrosine kinases (RPTKs) composed of three receptors Tyro3, Axl, and Mer. These receptors share a characteristic molecular structure of two immunoglobulin-like and two fibronectin type III repeats and have been best characterized for their roles in immune regulation, fertility, thrombosis and phagocytosis. Gas6 and protein S have been identified as ligands for these receptors. Gas6 binding induces tyrosine phosphorylation and downstream signaling pathways that can lead to cell proliferation, migration, or the prevention of apoptosis. Tyro3 and Axl play important regulatory roles in a variety of tissues, including the central nervous, reproductive, immune, and vascular systems. Tyro3 is widely expressed during embryonic development and preferentially expressed during neurogenesis in the central nervous system.



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