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32-8522: Recombinant Mouse Tyrosine-Protein Kinase Receptor TYRO3/Dtk (C-mFc)(Discontinued)

Gene : Tyro3
Gene ID : 22174
Uniprot ID : P55144

Description

Source: Human Cells.
MW :68.2kD.
Recombinant Mouse Dtk is produced by our Mammalian expression system and the target gene encoding Ala31-Ser418 is expressed with a mFc tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : AGLKLMGAPVKMTVSQGQPVKLNCSVEGMEDPDIHWMKDGTVVQNASQVSISISEHSWIGLLSLKSVERSDA
GLYWCQVKDGEETKISQSVWLTVEGVPFFTVEPKDLAVPPNAPFQLSCEAVGPPEPVTIYWWRGLTKVGGPAP
SPSVLNVTGVTQRTEFSCEARNIKGLATSRPAIVRLQAPPAAPFNTTVTTISSYNASVAWVPGADGLALLHSCTV
QVAHAPGEWEALAVVVPVPPFTCLLRNLAPATNYSLRVRCANALGPSPYGDWVPFQTKGLAPARAPQNFHAIR
TDSGLILEWEEVIPEDPGEGPLGPYKLSWVQENGTQDELMVEGTRANLTDWDPQKDLILRVCASNAIGDGPWS
QPLVVSSHDHAGRQGPPHSRTSGGGGSGGGGSGGGGSPRDCGCKPCICTVPEVSSVFIFPPKPKDVLTITLTP
KVTCVVVDISKDDPEVQFSWFVDDVEVHTAQTQPREEQFNSTFRSVSELPIMHQDWLNGKEFKCRVNSAAFP
APIEKTISKTKGRPKAPQVYTIPPPKEQMAKDKVSLTCMITDFFPEDITVEWQWNGQPAENYKNTQPIMDTDGSY
FVYSKLNVQKSNWEAGNTFTCSVLHEGLHNHHTEKSLSHSPGK

Application Note

Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.