
Product Data Sheet

Product Name: TYRO3 Mouse

Cat. No.: GP26200

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition with Ice Packs

Synonyms Etk2/tyro3, TK19-2, Tyrosine-protein kinase DTK, Tyrosine-protein kinase RSE, Tyrosine-protein kinase TIF, Tyro3, Dtk, Rse, Tif, A1323366, Brt, Etk-2.

Amino Acid Sequence

AGLKLMGAPV KMTVSQGQPV KLNCSVEGME DPDIHWMKDG TVVQNASQVS
 ISEHSWIGLLSLKSVRS DAGLYWCQVK DGEETKISQS VWLTVVEGVFPF
 FTVEPKDLAV PPNAPFQLSC EAVGPPEPVT IYWRGLTKV GGPAPSPSVL
 NVTGVTQRTE FSCEARNIKG LATSRAIVR LQAPPAAPFN TTVTTISSYN
 ASVAWVPGAD GLALLHSCTV QVAHAPGEWE ALAVVVPVPP FTCLLRNLAP
 ATNYSLRVRC ANALGPSPYG DWVPFQTKGL APARAPQNFH AIRTDSGLIL
 EWEEVIPEDP GEGPLGPYKL SWVQENGTQD ELMVEGTRAN LTDWDPQKDL
 ILRVCASNAI GDGPWSQPLV VSSHDHAGRQ GPPHSRTSWL EPKSCDKTHT
 CPPCPAPELL GGPSVFLFPPKPKDTLMISR TPEVTCVVVD VSHEDPEVKF
 NWWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN
 KALPAPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS
 DIAVEWESNG QPENNYKTP PVLDSGGSFF LYSKLTVDKS RWQQGNVFSC
 SVMHEALHNH YTQKSLSLSP GKHHHHHH

Formulation The TYRO3 solution (0.25mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

Introduction

TYRO3 Protein Tyrosine Kinase or TYRO3 is a transmembrane receptor tyrosine kinase. TYRO3 has crucial role in essential processes such as cell migration, actin reorganization and cell survival. It is activated and signaled by MAPK/ERK and PI3K/AKT that expedites the cellular functions of protein.

Stability

Caution: Product has not been fully validated for medical applications. For research use only.

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Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TYRO3 Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 628 amino acids (31-419 aa) and having a molecular mass of 68.9kDa. TYRO3 is fused to a 239 amino acid hlgG-His-Tag at C-terminus and purified by proprietary chromatographic techniques.

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