9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

EPHA3 Mouse

EPH Receptor A3 Mouse Recombinant
RCP0764

Product Overview

Name	EPHA3 Mouse

Description

EPH Receptor A3 Mouse Recombinant

Synonyms

Cek4, EK4, End3, ETK1, Hek, Hek4, Mek4, Tyro4, ephrin type-A receptor 3, ephrin type-A receptor 3 isoform1, receptor protein-tyrosine kinase, EPH-like kinase 4, tyrosine-protein kinase TYRO4, tyrosine-protein kinase receptor ETK1, Eph receptor A3, AW492086.

Source

HEK293 Cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

EPHA3 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Stability

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.

Purity

Greater than 95% as determined by SDS-PAGE.

Amino acid sequence

ELSPQPSNEV NLLDSKTIQG ELGWISYPSH GWEEISGVDE HYTPIRTYQV CNVMDHSQNN WLRTNWVPRN SAQKIYVELK FTLRDCNSIP LVLGTCKETF NLYYMESDDD HGVKFREHQF TKIDTIAADE SFTQMDLGDR ILKLNTEIRE VGPVNKKGFY LAFQDVGACV ALVSVRVYFK KCPFTVKNLA MFPDTVPMDS QSLVEVRGSC VNNSKEEDPP RMYCSTEGEW LVPIGKCTCN AGYEERGFIC QACRPGFYKA SDGAAKCAKC PPHSSTQEDG SMNCRCENNY FRAEKDPPSM ACTRPPSAPR NVISNINETS VILDWSWPLD TGGRKDITFN IICKKCGWNV RQCEPCSPNV RFLPRQLGLT NTTVTVTDLL AHTNYTFEID AVNGVSELSS PPRQYAAVSI TTNQAAPSPV MTIKKDRTSR NSISLSWQEP EHPNGIILDY EVKYYEKQEQ ETSYTILRAR GTNVTISSLK PDTTYVFQIR ARTAAGYGTN SRKFEFETSP DSFSISGENS H HHHHHH .

Biological Activity

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Measured by its binding ability in a functional ELISA with cat#pro-2816.

Background

Research on EphA3 in mice has highlighted its critical involvement in the development of the nervous system, cardiovascular system, and skeletal system. EphA3 signaling influences axon pathfinding, synaptic plasticity, and the formation of tissue boundaries, ensuring proper tissue and organ development. Dysregulation of EphA3 has been implicated in various pathologies, including cancer, where it contributes to tumor growth, angiogenesis, and metastasis.

Precautions

EPHA3 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

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