

32-13216: EPHA4 Mouse

Alternative Name : Ephrin type-A receptor 4, Epha4, Tyrosine-protein kinase receptor MPK-3, Tyrosine-protein kinase receptor SEK-1, Sek, Sek1, EPHA4, EPH Receptor A4.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

EPH Receptor A4 (Epha4), is a single-pass type 1 membrane protein which is a part of the protein kinase superfamily and ephrin receptor subfamily. Epha4 is a receptor tyrosine kinase which binds membrane-bound ephrin family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells mainly in the nervous system and in erythropoiesis.

EPHA4 Mouse Recombinant produced in Sf9 Baculovirus cells is a single polypeptide chain containing 536 amino acids (20-547) and having a molecular mass of 59.3kDa. (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). EPHA4 is fused to 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : The EPHA4 solution (0.5mg/1ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.

Storage condition : 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.

Amino Acid : VTGSRVYPAN EVTLDSRSV QGELGWIASP LEGGWEEVSI MDEKNTPIRT YQVCNVMEAS QNNWLRTDWI
TREGAQRVYI EIKFTLRDCN SLPGVMGTCK ETFNLYYYES DNDKERFIRE SQFGKIDTIA ADESFTQVDI
GDRIMKLNTE IRDVGPLSKK GFYLAQDVG ACIALVSVRV FYKKCPLTVR NLAQFPDTIT GADTSSLVEV
RGSCVNNSEE KDVPKMYCGA DGEWLVPIGN CLCNAGHEEQ NGECQACKIG YYKALSTDAS
CAKCPHSYS VWEGATSCTC DRGFFRADND AASMPCTRPP SAPLNLISNV NETSVNLEWS
SPQNTGGRQD ISYNNVCKKC GAGDPSKCRP CGSGVHYTPQ QNGLKTRVS ITDLLAHTNY TFEIWA VNGV
SKYNPSPDQS VSVTVTTNQA APSSIALVQA KEVTRYVAL AWLEPDRPNG VILEYEVKYY EKDQNERSYR
IVRTAARNTD IKGLNPLTSY VFHVRARTAA GYGDFSEPLE VTTNTVPSRI IGDGANSTLE HHHHHH.