32-13218: EPHB4 Mouse

Alternative Name : Ephrin type-B receptor 4 (EC:2.7.10.1), Developmental kinase 2, mDK-2, Hepatoma transmembrane kinase, Tyrosine kinase MYK-1, Ephb4, Htk, Mdk2, Myk1.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered clear solution.
Ephrin type-B receptor 4 isoform b (Ephb4) belongs to the Eph receptor tyrosine kinase family which functions in neuronal guidance and mediate venal/arterial separation. EPHB4-mediated forward signaling regulates cellular repulsion and segregation form EFNB2-expressing cells. Furthermore, Ephb4 has a role in postnatal blood vessel remodeling, morphogenesis and permeability and is therefore essential in the context of tumor angiogenesis.
EPHB4 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 532 amino acids (16-539 a.a.) and having a molecular mass of 58.7kDa (Migrates at 50-70kDa on SDS-PAGE under reducing conditions).EPHB4 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 μg / 5 μg
Purification :	Greater than 85.0% as determined by analysis by SDS-PAGE.
Content :	EPHB4 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 :	LEETLLNTKLETADLKWVTYPQAEGQWEELSGLDEEQHSVRTYEVCDMKRPGGQAHWLRTGWVPRRGAVHV YATIRFTMMECLSLPRASRSCKETFTVFYYESEADTATAHTPAWMENPYIKVDTVAAEHLTRKRPGAEATGKVNI KTLRLGPLSKAGFYLAFQDQGACMALLSLHLFYKKCSWLITNLTYFPETVPRELVVPVAGSCVANAVPTANPSPS LYCREDGQWAEQQVTGCSCAPGYEAAESNKVCRACGQGTFKPQIGDESCLPCPANSHSNNIGSPVCLCRIGYY RARSDPRSSPCTTPPSAPRSVVHHLNGSTLRLEWSAPLESGGREDLTYAVRCRECRPGGSCLPCGGDMTFDP GPRDLVEPWVAIRGLRPDVTYTFEVAALNGVSTLATGPPPFEPVNVTTDREVPPAVSDIRVTRSSPSSLILSWAIP RAPSGAVLDYEVKYHEKGAEGPSSVRFLKTSENRAELRGLKRGASYLVQVRARSEAGYGPFGQEHHSQTQLDE SESWREQLAVEHHHHHH.