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32-13217: EPHB4 Human

Alternative Name : Tyrosine-Protein Kinase TYRO11, Hepatoma Transmembrane Kinase, TYRO11, MYK1, HTK, Ephrin Type-B Receptor, Tyrosine-Protein Kinase Receptor HTK.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered clear solution.
EPHB4 or Ephrin type-B receptor 4 is encoded by the EPHB4 gene in humans. The receptor and its ligands (the ephrins) take part in different developmental stages, mainly in the nervous system. EPHB4 and other Ephrin receptors are the biggest subgroup of the RTK receptors. EPHB4 binds to ephrin B2 and has a crucial part in the development of the vascular system.
EPHB4 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (16-539a.a.) and fused to an 8 aa His Tag at C-terminus containing a total of 532 amino acids and having a molecular mass of 58.1 kDa. EPHB4 shows multiple bands between 50-70kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	EPHB4 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 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 :	LEETLLNTKL ETADLKWVTF PQVDGQWEEL SGLDEEQHSV RTYEVCDVQR APGQAHWLRT GWVPRRGAVH VYATLRFTML ECLSLPRAGRSCKETFTVFY YESDADTATA LTPAWMENPY IKVDTVAAEH LTRKRPGAEA TGKVNVKTLR LGPLSKAGFY LAFQDQGACM ALLSLHLFYK KCAQLTVNLT RFPETVPREL VVPVAGSCVV DAVPAPGPSP SLYCREDGQW AEQPVTGCSC APGFEAAEGN TKCRACAQGT FKPLSGEGSC QPCPANSHSN TIGSAVCQCR VGYFRARTDP RGAPCTTPPS APRSVVSRLN GSSLHLEWSA PLESGGREDL TYALRCRECR PGGSCAPCGG DLTFDPGPRD LVEPWVVVRG LRPDFTYTFE VTALNGVSSL ATGPVPFEPV NVTTDREVPP AVSDIRVTRS SPSSLSLAWA VPRAPSGAVL DYEVKYHEKG AEGPSSVRFL KTSENRAELR GLKRGASYLV QVRARSEAGY GPFGQEHHSQ TQLDESEGWR EQLAVEHHHH HH.