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

EPHB4 Human

EPH Receptor B4 Human Recombinant
RCP0768

Product Overview

Name	EPHB4 Human
Description	
EPH Receptor B4 Human Recombinant	
Accession (Primary)	P54760
Synonyms	
Tyrosine-Protein Kinase TYRO11, Hepatoma Transmembrane Kinase, TYRO11, MYK1, HTK, Ephrin Type-B Receptor, Tyrosine-Protein Kinase Receptor HTK.	
Introduction	
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.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
EPHB4 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
LE ETLLNTKL 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	

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TIGSAVCQCR VGYFRARTDP RGAPCTTPPS APRSVVSRLN GSSLHLEWSA PLESGGREDL TYALRCRECR PGGSCAPCGG DLTFDPGPRD LVEPWVVVRG LRPDFTYTFE VTALNGVSSL ATGPVPFEPV NVTTDREVPP AVSDIRVTRS SPSSLSLAWA VPRAPSGAVL DYEVKYHEKG AEGPSSVRFL KTSENRAELR GLKRGASYLV QVRARSEAGY GPFGQEHHSQ TQLDESEGWR EQLAVE HHHH HH.

Precautions

EPHB4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P54760)