

HUMAN EPHB2 PROTEIN, HIS TAG

货号: 11427

产品全名: 人 EPHB2 蛋白

规格: 10/50/100 µg

基因符号 BDPLT22;CAPB;DRT;EK5;EPHT3;ERK;Hek5;PCBC;Tyro5

目标蛋白: EPHB2

UNIPROT ID: P29323

描述: Recombinant human EPHB2 protein with C-terminal 6xHis tag

背景: This gene encodes a member of the Eph receptor family of receptor tyrosine kinase transmembrane glycoproteins. These receptors are composed of an N-terminal glycosylated ligand-binding domain, a transmembrane region and an intracellular kinase domain. They bind ligands called ephrins and are involved in diverse cellular processes including motility, division, and differentiation. A distinguishing characteristic of Eph-ephrin signaling is that both receptors and ligands are competent to transduce a signaling cascade, resulting in bidirectional signaling. This protein belongs to a subgroup of the Eph receptors called EphB. Proteins of this subgroup are distinguished from other members of the family by sequence homology and preferential binding affinity for membrane-bound ephrin-B ligands. Allelic variants are associated with prostate and brain cancer susceptibility. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2015]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 58.9 kDa after removal of the signal peptide. The apparent molecular mass of EPHB2-His is approximately 55–70 kDa due to glycosylation.

分子特征: EPHB2(Vall9–Leu543) 6×His tag

纯化: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

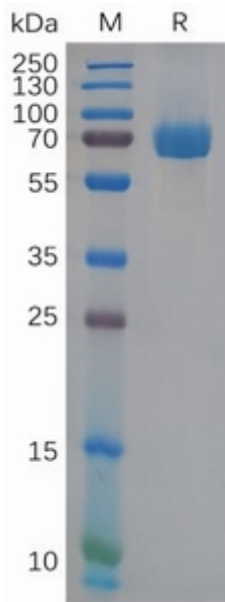


Figure 1. Human EPHB2 Protein, His Tag on SDS-PAGE under reducing condition.