

Recombinant Human Ephrin-B2 Protein

Catalog No.: RP00522 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	1948	P52799

Tags

C-6xHis

Synonyms

EFNB2;EPLG5;HTKL;Htk-L;LERK5;ephrin-B2; HTKL; Htk-L; LERK5

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Ephrin-B2 is a type I transmembrane protein and belongs the Ephrin family. It binds to the receptor tyrosinekinases, such as EPHA4, EPHB4 and EPHA3. Ephrin-B2 has been implicated in mediating developmental events, especially in the nervous system, erythropoiesis and tumour metastasis. Ligation of Ephrin-B2 with complementary EphB receptors on adjacent cells results in a combination of forward (EphB receptors) and reverse (Ephrin-B2) signalling, which is central to tissue development and remodelling functions. In addition, Ephrin-B2 may play a role in constraining the orientation of longitudinally projecting axons.

Basic Information

Description

Recombinant Human Ephrin-B2 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ile28-Ala229) of human Ephrin-B2 (Accession #P52799) fused with a 6xHis tag at the C-terminus.

Bio-Activity

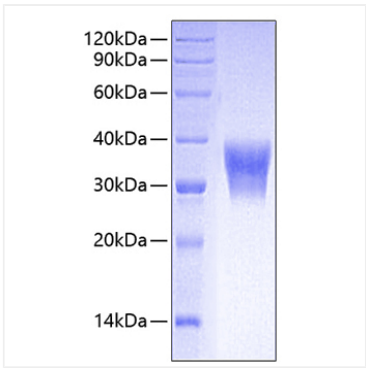
Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

 | www.abclonal.com

Validation Data



Recombinant Human Ephrin-B2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.