

Product Name: Recombinant Human EFNB2 (C-6His)
Catalog #: PHH0596

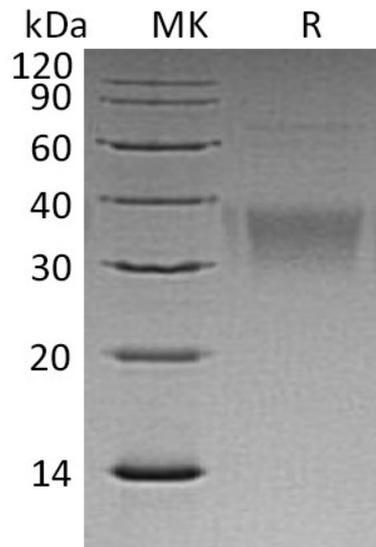


Summary

Name	Ephrin-B2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Ephrin-B2 is produced by our Mammalian expression system and the target gene encoding Ile28-Ala229 is expressed with a 6His tag at the C-terminus.
Accession #	P52799
Host	Human Cells
Species	Human
Predicted Molecular Mass	23.24 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

Product Name: Recombinant Human EFN2 (C-6His)
Catalog #: PHH0596



Alternative Names

Ephrin-B2; EPH-Related Receptor Tyrosine Kinase Ligand 5; LERK-5; HTK Ligand; HTK-L; EFN2; EPLG5; HTKL; LERK5

Background

Ephrin-B2 is a type I transmembrane protein and belongs to the Ephrin family. It binds to the receptor tyrosine kinases, 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.

Note

For Research Use Only , Not for Diagnostic Use.