

	<h1>Ephrin-B2</h1>	E 2 1 4 6 5
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Altername:	Ephrin-B2; EPH-Related Receptor Tyrosine Kinase Ligand 5; LERK-5; HTK Ligand; HTK-L; EFNB2; EPLG5; HTKL; LERK5
Storage/Stability:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Background:	<p>Ephrin-B2 is a type I transmembrane protein and belongs 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.</p>
Species:	Human
Reconstitution:	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100 µg/ml.</p> <p>Dissolve the lyophilized protein in ddH2O.</p>

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	Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin:	Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Purity:	Greater than 95% as determined by reducing SDS-PAGE.
Description:	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.
Product State:	Lyophilized
Ship Description:	The product is shipped at ambient temperature.
Formulation:	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Expression system:	Human cells