

Ephrin B3 Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P73021
Synonyms:	Ephrin-B3; EPH-related receptor tyrosine kinase ligand 8; LERK-8; EFN3; EPLG8
Species:	Rat
Source:	HEK293
Accession:	G3V7D4 (M1-S224)
Gene ID:	360546
Molecular Weight:	Approximately 55&34 kDa

PROPERTIES

AA Sequence	<p>M G G P H F G P G G V Q V G A L L L L G F A G L V S G L S L E P V Y W N S A N K</p> <p>R F Q A E G G Y V L Y P Q I G D R L D L L C P R A R P P G P H S S P S Y E F Y K</p> <p>L Y L V G G A Q G R R C E A P P A P N L L L T C D R P D L D L R F T I K F Q E Y</p> <p>S P N L W G H E F R S H H D Y Y I I A T S D G T R E G L E S L Q G G V C L T R G</p> <p>M K V L L R V G Q S P R G G A V P R K P V S E M P M E R D R G A A H S Q E P G K</p> <p>D S I P G D P N S N A T S R G A E G P L P P P S</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Ephrin B3 protein is a member of the ephrin family and is characterized by the absence of conserved residue(s) crucial for the propagation of feature annotation. This distinctive feature suggests a unique molecular profile within the ephrin family, potentially influencing its functional properties and interactions. The specific role and implications of this divergence in conserved residues warrant further investigation to comprehend the functional nuances and cellular significance of Ephrin B3 in biological processes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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