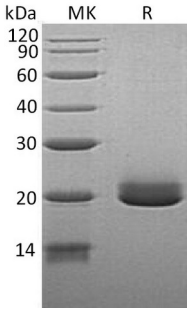
Product Name: Recombinant Human EFNA4 (C-6His)
Catalog #: PHH0590

Summary

Name	Ephrin-A4/EFNA4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Ephrin-A4 is produced by our Mammalian expression system and the target gene encoding Leu26-Gly171 is expressed with a 6His tag at the C-terminus.
Accession #	P52798
Host	Human Cells
Species	Human
Predicted Molecular Mass	17.42 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, 5% Trehalose, 5% Mannitol, 0.01% Tween 80, pH7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
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.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



Background

Product Name: Recombinant Human EFNA4 (C-6His)
Catalog #: PHH0590

Alternative Names	Ephrin-A4; EPH-Related Receptor Tyrosine Kinase Ligand 4; LERK-4; EFNA4; EPLG4; LERK4
Background	Ephrin-A4 is a member of the ephrin ligand family which binds members of the Eph receptor family. All ligands share a conserved extracellular sequence, which most likely corresponds to the receptor binding domain. Ephrin-A4 consists of approximately 125 amino acids and includes four invariant cysteines, It has been shown to bind EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, and EphB1. Ephrin-A4 binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. It may play a role in the interaction between activated B-lymphocytes and dendritic cells in tonsils.

Note

For Research Use Only , Not for Diagnostic Use.