# Recombinant Human EFNA3 (C-6His)

## Catalog No: C464

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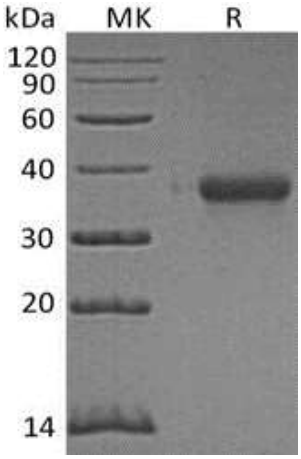
| **Description** | Recombinant Human Ephrin-A3 is produced by our Mammalian expression system and the target gene encoding Gln23-Ser211 is expressed with a 6His tag at the C-terminus. |
| **Source** | Human Cells |
| **Alternative name** | Ephrin-A3; EFL-2; EHK1 Ligand; EHK1-L; EPH-Related Receptor Tyrosine Kinase Ligand 3; LERK-3; EFNA3; EFL2; EPLG3; LERK3 |
| **Predicted Molecular Weight** | 22.25kDa |
| **AP Molecular Weight** | 36kDa, reducing conditions. |
| **Accession No.** | P52797 |
| **Formulation** | Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2. |
| **Reconstitution** | Always centrifuge tubes before opening. Do not mix by vortex or pipetting.<br>It is not recommended to reconstitute to a concentration less than 100μg/ml.<br>Dissolve the lyophilized protein in distilled water.<br>Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| **Quality Control** | Purity: Greater than 95% as determined by reducing SDS-PAGE.<br>Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test. |
| **Shipping** | The product is shipped at ambient temperature.<br>Upon receipt, store it immediately at the temperature listed below. |
| **Storage** | Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.<br>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.<br>Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| **Background** | Ephrins-A3 belongs the Ephrins ligand family which involved in a variety of biological processes, especially in the nervous system and in erythropoiesis. It is shown that Ephrin-A3 is expressed in brain, skeletal muscle, spleen, thymus, prostate, testis, ovary, small intestine, and peripheral blood leukocytes. Ephrin-A3 has a GPI anchor following the extracellular sequence and a signal sequence of 22 amino acids. Ephrin-A3 can bind EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, EphA8 and EphB1. Futhermore, it is associated with tumor growth and metastasis. |

**SDS-Page**




MK: Marker

R: Sample under reducing conditions