Recombinant human Ephrin-A3/EFNA3 Protein

RPCB1185

Protein Information

Size:	10 µg , 20 µg , 50 µg , 100 µg	**Tag:**	C-6His
Reactivity:	human	**Expressed Host:**	HEK293 cells
Calculated MW:	22.33 kDa	**Observerd MW:**	35-45 kDa

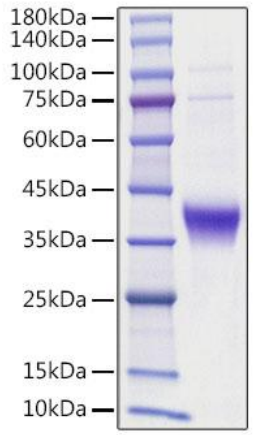
Background

Ephrin-A3 (Ephrin A3) is also known as EFL-2, EHK1 ligand, EHK1-L, EPH-related receptor tyrosine kinase ligand 3, EFL2, EPLG3 and LERK3,which comprises the largest subfamily of receptor protein-tyrosine kinases (RTKs), and has been involved in a variety of biological processes, especially in the nervous system and in erythropoiesis, such as axon guidance and topographic map formation, synaptic plasticity, angiogenesis, and meanwhile have possible contributions to tumor growth and metastasis. Ephrin A3 is cell surface GPI-bound ligand for Eph receptors and belongs to the family of receptor tyrosine kinases. Ephrin can bind promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells.

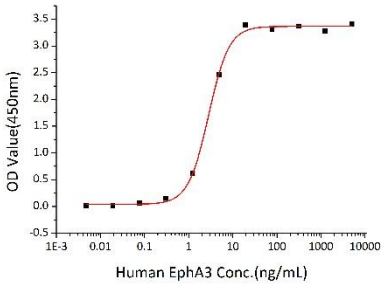
Properties

Synonyms:	EFL2, EPLG3, LERK3, Ehk1-L, EFNA3
Gene ID:	1944
Endotoxin:	< 0.01 EU/µg of the protein by LAL method
Description:	High quality, high purity and low endotoxin recombinant Recombinant human Ephrin-A3/EFNA3 Protein (RPCB1185), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Purity:	≥ 90 % as determined by SDS-PAGE.
Storage:	Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

Validation Data



Recombinant human Ephrin-A3/EFNA3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human EFNA3(RPCB1185) at 2 μg/mL (100 μL/well) can bind Human EphA3 (RPCB0285) with a linear range of 0.02-2.82 ng/mL.