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## Product Datasheet

### Recombinant Mouse EFNA1 (C-Fc-6His) EBT-EPT280

Article Name	Recombinant Mouse EFNA1 (C-Fc-6His)
Biozol Catalog Number	EBT-EPT280
Supplier Catalog Number	EPT280
Alternative Catalog Number	EBT-EPT280-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Mouse Ephrin-A1 is produced by our Mammalian expression system and the target gene encoding Asp19-Ser182 is expressed with a Fc, 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 47.3 KDa. Apparent molecular weight: 45-65 KDa, reducing conditions
UniProt	<a href="#">P52793</a>
Purity	Greater than 90% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: 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.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Ephrin-A1 is a cell membrane protein and contains 1 ephrin RBD (ephrin receptor-binding) domain. EFNA1 belongs to the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNA class ephrin which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two transcript variants that encode different isoforms were identified through sequence analysis. It belongs to the ephrin family and contains 1 ephrin RBD (ephrin receptor-binding) domain