

Product datasheet for **TP726807**

Ephrin A4 (EFNA4) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Ephrin-A4/EFNA4 (C-Fc-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu26-Gly171
Tag:	C-Fc&His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Ephrin-A4 is produced by our Mammalian expression system and the target gene encoding Leu26-Gly171 is expressed with a Fc, 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	1945
UniProt ID:	P52798
Summary:	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.



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