

## 32-7890: Recombinant Mouse Ephrin-A4/EFNA4 (C-Fc)

**Gene :** Efna4  
**Gene ID :** 13639  
**Uniprot ID :** O08542

### Description

Source: Human Cells.  
MW :44kD.

Recombinant Mouse Ephrin-A4 is produced by our Mammalian expression system and the target gene encoding Arg27-Gly176 is expressed with a Fc tag at the C-terminus. Ephrin-A4 belongs to the ephrin family and Contains 1 ephrin RBD (ephrin receptor-binding) domain. The protein is cell surface GPI-bound ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.  
**Storage condition :** 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.  
**Amino Acid :** RHPIYWNSSNPRLLRGDAVVELGFNDYLDIFCPHYESPGPPEGPETFALYMVDWSGYEACTAEGANAFQRWNC SMPFAPFSPVRFSEKIQRYPFPLGFELPGETYYIISVPTPESGRCLRLQVSVCKESGSSHESHPVGPSPGES GVDDIEGRMDEPKSCKTHTCPPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYV DGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVDFCS VMHEALHNHYTQKSLSLSPGK

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.