

32-7434: Recombinant Human Ephrin-A4/EFNA4 (C-Fc-6His)

Gene : EFNA4
Gene ID : 1945
Uniprot ID : P52798

Description

Source: Human Cells.
MW :44.3kD.

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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
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 : LRHVVYWNSSNPRLRGDAVVELGLNDYLDIVCPHYEGPGPPEGPETFALYMVDWPGYESCQAEGPRAYKRW
VCSLPFGHVQFSEKIQRFTFSLGFEFLPGETYYISVPTPESSGQCLRLQVSVCKKERKSESAHPVGSPGESGV
DDIEGRMDEPKSCDKTHTCPPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDG
VEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSV
MHEALHNHYTQKSLSLSPGKHHHHHH

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 ddH₂O. 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.