

32-8660: Recombinant Mouse Ephrin-A3/EFNA3 (C-Fc)

Gene : Efn3
Gene ID : 13638
Uniprot ID : O08545

Description

Source: Human Cells.
MW :47.9kD.

Recombinant Mouse Ephrin A3 is produced by our Mammalian expression system and the target gene encoding Gln23-Gly206 is expressed with a Fc tag at the C-terminus. Ephrins-A3 belongs the Ephrins ligand family which involved in a variety of biological processes, especially in the nervous system and in erythropoiesis. It is shown that Ephrin-A3 is expressed in brain, skeletal muscle, spleen, thymus, prostate, testis, ovary, small intestine, and peripheral blood leukocytes. Ephrin-A3 has a GPI anchor following the extracellular sequence and a signal sequence of 22 amino acids. Ephrin-A3 can bind EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, EphA8 and EphB1. Futhermore, it is associated with tumor growth and metastasis.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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 : QGPGGALGNRHAVYWNSSNQHLRREGYTVQVNVNDYLDIYCPHYNSSGPGGGAEQYVLYMVNLSGYRTCNA SQGSKRWEENRQHASHSPIKFSEKQRYSAFSLGYEFHAGQEYYYISTPTHNLHWKCLRMKVFVCCASTSHSG EKPVPTLPQFTMGPNVKINVLEDFEGENPQVPKLEKSISGVDDIEGRMDEPKSCDKTHTCPPAPELLGGPSVF LFPPKPKDITLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWL NGKEYKCKVSNKALPAPIEKTKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPEN NYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSSVMHEALHNHYTQKSLSLSPGK

Application Note

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