

32-8619: Recombinant Human Ephrin A Receptor 4/EphA4

Gene : EPHA4

Gene ID : 2043

Uniprot ID : P54764

Description

Source: Human Cells.

MW :59.2kD.

Recombinant Human Ephrin A receptor 4 is produced by our Mammalian expression system and the target gene encoding Val20-Thr547 is expressed. Ephrin type-A receptor 4 (EPHA4) belongs to the protein kinase superfamily and Ephrin receptor subfamily. EPHA4 contains 1 Eph LBD domain, 2 fibronectin type-III domains, 1 protein kinase domain and 1 SAM domain. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands.

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 : VTGSRVYPANEVTLLDSRSVQGELGWIASPLEGGWEEVSIMDEKNTPIRTYQVCNVMESQNNWL
RTDWITREGAQRVYIEIKFTLRDCNSLPGVMGTCKETFNLYYESDNDKERFIRENQFVKIDTIAADE
SFTQVDIGDRIMKLNTEIRDVGPLSKKGFYLAQFDVGACIALVSVRVFYKKCPLTVRNLAQFPDTITG
ADTSSLVEVRGSCVNNSEEKDVPKMYCGADGEWLVPIGNCLCNAGHEERSGECQACKIGYYKAL
STDATCAKCPPHSYSVWEGATSCTCDRGFFRADNDAASMPCTRPPSAPLNLSNVNETSVNLEWS
SPQNTGGRQDISYNNVCKKCGAGDPSKCRPCGSGVHYTPQQNGLKTTKVSITDLLAHTNYTFEIW
AVNGVSKYNPNPDQSVSVTVTTNQAAPSSIALVQAKEVTRYVALAWLEPDRPNGVILEYEVKYYE
KDQNERSYRIVRTAARNTDIKGLNPLTSYVFHVRARTAAGYGDFSEPLEVTTNTVPSRIIGDGANST
ENLYFQ

Application Note

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