

Epha4, 20-547aa, Mouse, His-tag, Baculovirus

Cat.NO.: TP02030

3th Edition

Synonyms:Ephrin type-A receptor 4 , Epha4, 2900005c20Rik, AI385584, Cek8, Hek8, rb, Sek, Sek1, Tyro1.

Description:Epha4, as known as ephrin type-A receptor 4, is a single-pass type 1 membrane protein which belongs to the protein kinase superfamily and ephrin receptor subfamily. This protein may play a role in a signal transduction process involved in hindbrain pattern formation. The ephrins and ephrin receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Recombinant mouse Epha4, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:59.3kDa (536aa), 50-70kDa (SDS-PAGE under reducing conditions)

Sequences:

VTGSRVYPANEVTLTLD SRSVQGELGWIASPLEGGWEEVSIMDEKNTPIRTYQVCNVMEASQNNWLRTDWITREGA
QRVYIEIKFTLRDCNSLPGVMGTCKETFNLYYYESDNDKERFIRESQFGKIDTIAADESFTQVDIGDRIMKLNTEIRDV
GPLSKKGFYLAQDVGACIALVSVRVFYKKCPLTVRNLAQFPDTITGADTSSLVEVRGSCVNNSEEKDVPKMYCGA
DGEWLVPIGNCLCNAGHEEQNGECQACKIGYYKALSTDASCAKCPPHSYSVWEGATSCTCDRGFFRADNDAASM
PCTRPPSAPLNLSNVNETSVNLEWSSPQNTGGRQDISYVVCCKKCGAGDPSKCRPCGSGVHYTPQQNGLKTTRV
SITDLLAHTNYTFEIVAVNGVSKYNPSPDQSVSVTVTTNQAAPSSIALVQAKEVTRYVALAWLEPDRPNGVILEYE
VKYYEKDQNERSYRIVRTAARNTDIKGLNPLTSYVFHVRARTAAGYGDFSEPLEVTTNTVPSRIIGDGANSTLEHHH
HHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.