

EFNB3, 28-226aa, Human, His-tag, Baculovirus

Cat.NO.: TP01982

3th Edition

Synonyms:Ephrin-B3, EFNB3, EFL6, EPLG8, LERK8

Description:EFNB3, also known as ephrin-B3, is a member of the Ephrin-B family of transmembrane ligands that bind and induce the tyrosine autophosphorylation of Eph receptors. EFNB3 is expressed on oligodendrocytes and neurons in the hippocampus and along the midline of the spinal cord. It's up-regulated in glioma and promotes tumor cell invasion and migration. This protein acts as the midline barrier that prevents corticospinal tract projections from recrossing when they enter the spinal gray matter. Recombinant human EFNB3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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

Molecular Weight:23.0kDa (208aa), 28-40kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPLSLEPVYWNSANKRFQAEGGYVLYPQIGDRLDLLCPRARPPGPHSSPNYEFYKLYLVGGAQGRRCEAPPAPN
LLLTCDRPDLRLRFTIKFQEYSPNLWGHEFRSHHDYIIATSDGTREGLESLQGGVCLTRGMKVLLRVGQSPRGGA
VPRKPVSEMPMERDRGAAHSLEPGKENLPGDPTSNATSRGAEGPLPPPSMPHHHHHH

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.