

**EFNA5, 21-203aa, Human, hlgG-His tag, Baculovirus**

**Cat.NO.: TP01978**

3th Edition

**Synonyms:**Ephrin-A5, EFNA5, AF1, EFL5, EPLG7, GLC1M, LERK7, RAGS

**Description:**EFNA5, as known as ephrin-A5, is a member of the ephrin ligand family which binds the members of ephrin receptor subfamily of tyrosine kinases. This protein is expressed with the highest levels in human adult brain, heart, spleen, and ovary and human fetal brain, lung, and kidney. It is also expressed by muscle precursor cells and interacts with ephrin-A4 to restrict their migration to the correct locations during forelimb morphogenesis. Recombinant human EFNA5, fused to hlgG-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:**48.1kDa (422aa); 40-57kDa (SDS-PAGE under reducing conditions)

**Sequences:**

QDPGSKAVADRYAVYWNSSNPRFQRGDYHIDVCINDYLDVFCPHYEDSVPEDKTERYVLYMVNFDGYSACDHTS  
KGFKRWEENRPHSPNGPLKFSEKFLFTPFLGFEFRPGREYFYISSAIPDNGRRSCLKLVFVRPTNSCMKTIGV  
HDRVFDVNDKVENSLEPADDTVHESAEPSRGENLEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEV  
TTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEK  
TISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFFLYS  
KLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHHHH

**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.