Recombinant Human EFNB1 Protein, hIgG-His-tagged

Cat. No. EFNB1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EFNB1 protein(28-237aa), fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	28-237 a.a.
Description	EFNB1, also known as ephrin-B1, is a member of Eph family. It binds to the receptor tyrosine kinases EPHB1 and EPHA1. This protein also binds Eph receptors residing on adjacent cells which affect signaling to neighboring cells. It plays a role in cellular migration, axon guidance, osteoclast differentiation and function, cardiac muscle morphogenesis, and tumorigenesis.
Form	Liquid
Molecular Mass	50.3 kDa
N-terminal Sequence Analysis	Ala
Endotoxin	< 0.1 EU per 1μg of protein (determined by LAL method)

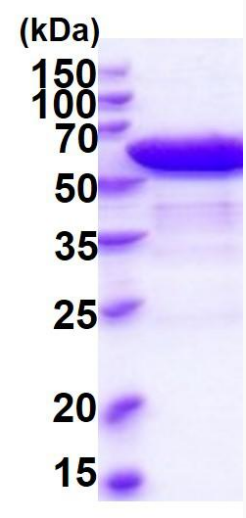
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Purity	> 90% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Warning	For research use only. This product is not intended or approved for human, diagnostics or veterin
AA Sequence	ADPLAKNLEPVSWSSLNPKFLSGKGLVIYPKIGDKLDIICPRAEAGRPYEYYKLYLVR PEQAAACSTVLDPNVLVTCNRPEQEIRFTIKFQEFSPNYMGLEFKKHHDYYITSTSN GSLEGLENREGGVCRTRTMKIIMKVGQDPNAVTPEQLTTSRPSKEADNTVKMATQA PGSRGSLGDSDGKHETVNQEEKSGPGASGGSSGDPDGFFNSKLEPKSCDKTHTC PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKA KGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTP PVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHH HHH

GENE INFORMATION

Gene Name	EFNB1 ephrin B1 [Homo sapiens (human)]
Official Symbol	EFNB1
Synonyms	EFNB1; ephrin B1; CFND; CFNS; EFB1; EFL3; EPLG2; Elk-L; LERK2;

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Gene ID	1947
mRNA Refseq	NM_004429
Protein Refseq	NP_004420
MIM	300035
UniProt ID	P98172
SDS-PAGE	 15% SDS-PAGE (3 μg)

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