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**Leucine-rich repeat transmembrane protein FLRT2, 36-541aa, Human, His tag, Insect cell**

**Cat.NO.: TP02804**

3th Edition

**Synonyms:**FLRT2

**Description:**FLRT2, also known as leucine-rich repeat transmembrane protein FLRT2, is one of three FLRT (fibronectin, leucine rich repeat, transmembrane) glycoproteins expressed in distinct areas of the developing brain and other tissues. Human FLRT1 and FLRT3 ECDs (extracellular domain) share approximately 47% aa identity with FLRT2. The fibronectin domain of all three FLRTs can bind to FGF receptors. Recombinant human FLRT2, 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:**57.5kDa (514aa), 50-70KDa (SDS-PAGE under reducing conditions.)

**Sequences:**

CPSVCRCDRNFVYCNERSLTSVPLGIPEGVTVLYLHNNQINNAGFPAELHNVQSVHTVYLYGNQLDEFPMNLPKNV  
RVLHLQENNIQTISRALAQLLKLEELHLDDNSISTVGVEDGAFREAIKLLFLSKNHLSSVPVGLPVDLQELRVDEN  
RIAVISDMAFQNLTSLERLIVDGNLLTNKGIAEGTFSHLTKLKEFSIVRNSLSHPPDLPGTHLIRLYLQDNQINHIPLTA  
FSNLRKLERLDISNNQLRMLTQGVFDNLSNLKQLTARNNPWFCDCSIKWVTEWLKYIPSSLNVRGFMCQGPEQVR  
GMAVRELNMNLLSCPTTTPGLPLFTPAPSTASPTTQPPTLSIPNPSRSYTPPTPTTSLKPTIPDWDGRERVTPPISER  
IQLSIHFVNDTSIQVSWLSLFTVMAYKLTWVKMGHSLVGGIVQERIVSGEKQHLSLVNLEPRSTYRICLVPLDAFNRYR  
AVEDTICSEATTHASYLNNGSNTASSHEQTTSHSMGSPFLEHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/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.