

Recombinant Human FLRT2 Protein, His-tagged

Cat. No. FLRT2-735H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLRT2(Ser300~Ser517) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser300~Ser517
Description	This gene encodes a member of the fibronectin leucine rich transmembrane (FLRT) family of cell adhesion molecules, which regulate early embryonic vascular and neural development. The encoded type I transmembrane protein has an extracellular region consisting of an N-terminal leucine-rich repeat domain and a type 3 fibronectin domain, followed by a transmembrane domain and a short C-terminal cytoplasmic tail domain. It functions as both a homophilic cell adhesion molecule and a heterophilic chemorepellent through its interaction with members of the uncoordinated-5 receptor family. Proteolytic removal of the extracellular region controls the migration of neurons in the developing cortex. Alternative splicing results in multiple transcript variants.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	28.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	FLRT2 fibronectin leucine rich transmembrane protein 2 [Homo sapiens]
Official Symbol	FLRT2
Synonyms	FLRT2; fibronectin leucine rich transmembrane protein 2; leucine-rich repeat transmembrane protein FLRT2; fibronectin-like domain-containing leucine-rich transmembrane protein 2; KIAA0405;
Gene ID	23768
mRNA Refseq	NM_013231
Protein Refseq	NP_037363

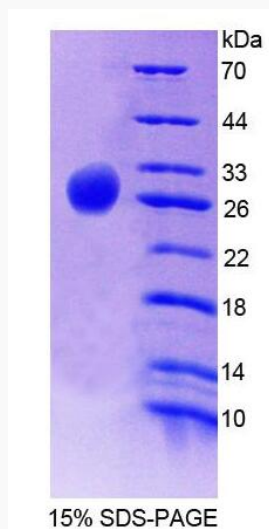
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MIM 604807

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