

Recombinant Human FLRT1 protein, His & T7-tagged

Cat. No. FLRT1-1729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLRT1 aa. (Ser345~Asn516 (Accession # Q9NZU1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser345~Asn516
Description	This gene encodes a member of the fibronectin leucine rich transmembrane protein (FLRT) family. The family members may function in cell adhesion and/or receptor signalling. Their protein structures resemble small leucine-rich proteoglycans found in the extracellular matrix. The encoded protein shares sequence similarity with two other family members, FLRT2 and FLRT3. This gene is expressed in kidney and brain.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
Isoelectric Point	5.3

GENE INFORMATION

Gene Name	FLRT1 fibronectin leucine rich transmembrane protein 1 [Homo sapiens (human)]
Official Symbol	FLRT1
Synonyms	FLRT1; fibronectin leucine rich transmembrane protein 1; SPG68; leucine-rich repeat transmembrane protein FLRT1; fibronectin-like domain-containing leucine-rich transmembrane protein 1
Gene ID	23769
mRNA Refseq	NM_013280.4
Protein Refseq	NP_037412.2

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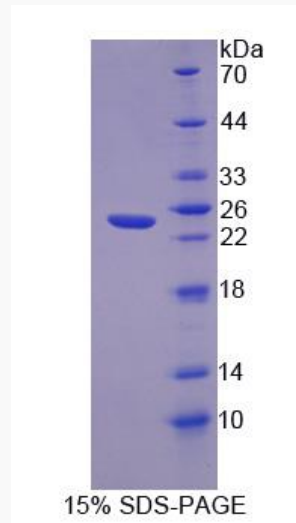
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UniProt ID

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SDS-PAGE

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