

Active Recombinant Human FLRT1 protein, His-tagged

Cat. No. FLRT1-3901H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLRT1 protein(Q9NZU1-1)(Met1-Pro524), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro524
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of Neuro-2A mouse neuroblastoma cells.When cells are added to coated plates(5µg/mL, 100µL/well), approximately 50%-70% will adhere after 1 hour at 37°C.
Molecular Mass	The recombinant human FLRT1 consists of 515 amino acids and predicts a molecular mass of 57 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh FLRT1 is approximately 65 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 96 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name FLRT1 fibronectin leucine rich transmembrane protein 1 [Homo sapiens]

Official Symbol FLRT1

Synonyms FLRT1; fibronectin leucine rich transmembrane protein 1; leucine-rich repeat transmembrane protein FLRT1; MGC21624; fibronectin-like domain-containing leucine-rich transmembrane protein 1;

Gene ID 23769

mRNA Refseq NM_013280

Protein Refseq NP_037412

MIM 604806

UniProt ID Q9NZU1

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