

Recombinant Human FLRT3 Protein (His Tag)

Catalog No. PKSH033675

Note: Centrifuge before opening to ensure complete recovery of vial contents.

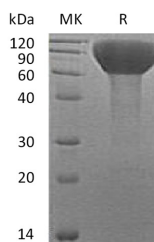
Description

Synonyms	Leucine-Rich Repeat Transmembrane Protein FLRT3;Fibronectin-Like Domain-Containing Leucine-Rich Transmembrane Protein 3;FLRT3;KIAA1469;HH21
Species	Human
Expression Host	HEK293 Cells
Sequence	Lys29-Pro528
Accession	Q9NZU0
Calculated Molecular Weight	57.6 kDa
Observed molecular weight	60-110 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Leucine-Rich Repeat Transmembrane Protein FLRT3 (FLRT3) is a member of the fibronectin leucine rich

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transmembrane protein (FLRT) family. Proteins in this family play an role in cell adhesion and/or receptor signalling. FLRT3 is a single-pass type I membrane protein and contains one fibronectin type-III domain, ten LRR (leucine-rich) repeats, one LRRCT domain, and one LRRNT domain. FLRT3 may have a function in cell adhesion and/or receptor signaling. FLRT3 may regulate cellular adhesion between the epithelial apical ridge and the underlying mesenchyme and in establishing the dorso-ventral position of the ridge.