Recombinant Mouse Flrt1 Protein, Myc/DDK-tagged

Cat. No. Flrt1-3041M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length fibronectin leucine rich transmembrane protein 1 (Flrt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in fibroblast growth factor-mediated signaling cascades that lead to the activation of MAP kinases. Promotes neurite outgrowth via FGFR1-mediated activation of downstream MAP kinases. Promotes an increase both in neurite number and in neurite length. May play a role in cell-cell adhesion and cell guidance via its interaction with ADGRL1/LPHN1 and ADGRL3.
Molecular Mass	74.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Flrt1 fibronectin leucine rich transmembrane protein 1 [Mus musculus (house mouse)]
Official Symbol	Flrt1
Synonyms	FLRT1; fibronectin leucine rich transmembrane protein 1; AW742165; D630040I23Rik
Gene ID	396184
mRNA Refseq	NM_201411
Protein Refseq	NP_958813
UniProt ID	Q6RKD8

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