

Recombinant Mouse Fam83d Protein, Myc/DDK-tagged

Cat. No. Fam83d-2949M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length family with sequence similarity 83, member D (Fam83d), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probable proto-oncogene that regulates cell proliferation, growth, migration and epithelial to mesenchymal transition. Through the degradation of FBXW7, may act indirectly on the expression and downstream signaling of MTOR, JUN and MYC. May play also a role in cell proliferation through activation of the ERK1/ERK2 signaling cascade. May also be important for proper chromosome congression and alignment during mitosis through its interaction with KIF22.
Molecular Mass	64.3 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	Fam83d family with sequence similarity 83, member D [Mus musculus (house mouse)]
Official Symbol	Fam83d
Synonyms	FAM83D; family with sequence similarity 83, member D; protein FAM83D; BB104611; RP23-119H5.1; 2310007D09Rik; MGC92947
Gene ID	71878
mRNA Refseq	NM_027975
Protein Refseq	NP_082251
UniProt ID	Q9D7I8

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