

## Product datasheet for TP509141

### Fam83d (NM\_027975) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse family with sequence similarity 83, member D (Fam83d), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209141 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MAARFELLDDLPAACLSPCGPPNPTELFSEARRLALEQLLAGGPDAAWAFLRRERLGRFLNADEVREVLG AAERPGEDGAAVAEDSFGSSHECSSGYTFPEQSDLEPPALELWPSFYQGAYRGATRVEAHFQPRGAGAG GPYGCKDALRQQLRSAREVIAVMDVFSIDIFRDLQESCRKRGVAVYILLDQTLLPHFLDMCMLDRVHP EQEKLMTVRTITGNIYYARSGTKVVGKVHEKFTLIDGIRVATGSYSFTWTDGKLNSSNLVILSGQVVEHF DLEFRILYAQSEPISSKLLSNFQINSKFDHLADRPQSKEPTLGNLLRMRLARLSSTPRKSNLGPPEPPK DRAKPKRPDSEASTISDEDYFHSKQLEDISKVADAATQTEPREEMAAVSLSEVGTQTSSMMCVGTQTT VVTRAASSQATVWSKSTTTQTEADESFLPQGAQSKEGSPASKMSVSRSSSVSSVSSQGLASSVSSH VSLTAADLHTPAYPKYLGLGTPHLDLCLRDSFRNLSKERQVHFTGIRSRLTQMLTVLSRRTLFEHYLSY SPGSFTRASTNLVSVRDIALYPPYQ  <span style="color: red;">TRPLE</span> <span style="color: green;">QKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-MYC/DDK
Predicted MW:	64.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.


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RefSeq: [NP\\_082251](#)

Locus ID: 71878

UniProt ID: [Q9D7I8](#)

RefSeq Size: 2280

Cytogenetics: 2 H1

RefSeq ORF: 1755

Synonyms: 2310007D09Rik; BB104611

**Summary:** 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.[UniProtKB/Swiss-Prot Function]