

Recombinant Mouse FAM83D Protein (1-585 aa), His-tagged

Cat. No. FAM83D-1810M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse FAM83D Protein (1-585 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length.
Species	Mouse
Source	Yeast
ProteinLength	1-585 aa
Description	Required for proper chromosome congression and alignment during mitosis. Required for targeting KIF22/KID to the spindle microtubules
Form	Tris-based buffer, 50% glycerol
Molecular Mass	66.3 kDa
AA Sequence	MAARFELLDDLPAACLSPCGPPNPTELFSEARRLALEQLLAGGPDAAWAFLRRERL GRFLNADEVREVLGAAERPGEDGAAVAEDSFGSSHECSSGTYFPEQSDLEPPALEL GWPSFYQGAYRGATRVEAHFQPRGAGAGGPYGCKDALRQQLRSAREVIAVMDV FSDIDIFRDLQESCRKRGVAVYILLDQTLLPHFLDMCMDLRVHPEQEKLMTVRTITGN IYYARSGTKVVGKVHEKFTLIDGIRVATGSYSFTWTDGKLNSSNLVILSGQVVEHFDL EFRILYAQSEPISSKLLSNFQINSKFDHLADRKPQSKEPTLGNLLRMRLARLSSTPRK SNLGPEEPPKDRAPKRPDSEASTISDEDYFHSKDKLEDISKVADAATQTEPREEM AAVSLSEVGTQTSSMMC VGTTTVVTRAASSQATVWSKSTTTQTEADESFLPQG

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AQSKEGSPASKMSVSRSSSVRSSSSVSSQGLASSVSSHVSLTAADLHTPAYPKYL
GLGTPHLDLCLRDSFRNLSKERQVHFTGIRSRLTQMLTVLSRRTLFTTEHYLSYSPGS
FTRASTNLVSVRDIALYPPYQ

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name Fam83d family with sequence similarity 83, member D [Mus musculus (house mouse)]

Official Symbol FAM83D

Synonyms BB104611; 2310007D09Rik;

Gene ID 71878

mRNA Refseq NM_027975

Protein Refseq NP_082251

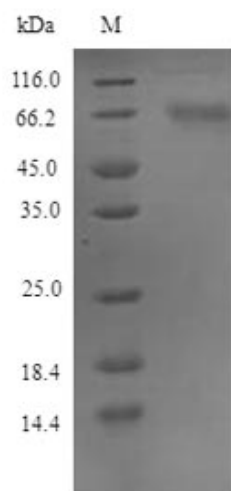
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UniProt ID

Q9D7I8



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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