



Recombinant Mouse FAM83D Protein Product Manual

1. Product Basic Information

Product No.: REP06843

Protein Name: Scaffolding Ck1 Anchoring Protein D (FAM83D)

Aliases: scaffolding CK1 anchoring protein D

UniProt ID: Q9H4H8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9H4H8/entry>

Species Source: Mus musculus (Mouse)

Expression System: Yeast

Protein Length: Full Length (1-585aa)

Molecular Weight: 66.3kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-585aa)

MAARFELLDDLPAACLSPCGPPNPTELFSEARRLALEQLLAGGPDAAWAFLRRERL
GRFLNADEVREVLGAAERPGEDGAAVAEDSFGSSHECSSGTYFPEQSDLEPPALE
LGWPSFYQGAYRGATRVEAHFQPRGAGAGGPYGCCKDALRQQLRSAREVIAVMD
VFSDIDIFRDLQESCRKRGVAVYILLDQTLPHFLDMCMDLRVHPEQEKLMTVRTITG
NIYYARSGTKVVGVHEKFTLIDGIRVATGSYSFTWTDGKLNSSNLVILSGQVVEHF
DLEFRILYAQSEPISSKLLSNFQINSKFDHLADRKPQSKEPTLGNLLRMRLARLSSTP
RKSNLGPEEPPKDRAPKRPDSEASTISDEDYFHSHKDQLEDKSVADAATQTEPRE
EMAAVSLSEVGTQTSSSMCMCVGTQTTVVTRAASSQATVWSKSTTTQTEADESFLP
QGAQSKEGSPASKMSVSRSSSVSSSSVSSQGLASSVSSHVSLTAADLHTPAYP
KYLGLGTPHLDLCLRDSFRNLSKERQVHFTGIRSRLTQMLTVLSRRTLFTTEHYLSYS
PGSFTRASTNLVSVRDIALYPPYQ

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Mouse FAM83D full length protein (1-585aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. FAM83D, also known as scaffolding CK1 anchoring protein D, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.