



Recombinant Mouse FAM111A Protein Product Manual

1. Product Basic Information

Product No.: REP06832

Protein Name: Protein Fam111A (FAM111A)

Aliases: KCS2; GCLEB; protein FAM111A; serine protease FAM111A

UniProt ID: Q96PZ2

UniProt Link: <https://www.uniprot.org/uniprotkb/Q96PZ2/entry>

Species Source: Mus musculus (Mouse)

Expression System: Yeast

Protein Length: Full Length (1-613aa)

Molecular Weight: 71.9kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-613aa)

MSCKKRKSQISFNPRKNKKIKDYFSQVPKEEQNDPNTVKVDSKKMPRDITNTRDQR
PLSPRKTRQDQTPPLNKKITVTLGVNSRKHKNMKYELTCRETSSLYAALNTLSAVRE
EVESQKGREMLVCGKEGIEGYLNLGMPVCCIEGSHVVITFCQCKSKTQENKQFFE
SQDQASTNYVRFCHAVGSKRKKILKCGELQKEGNKLCVYGFKGETIRDTLRKDGR
FCTFIESDDWKLINDLDTIIENTQPVDELEGKLFQVAAELPKNPRVSVTQNSGSENR
NFHKLEEYIVNEYTTLKEEGKKLRAYIKEKSEKRKKKASLFKVHKEHFGKMTRNSTP
VKVVKHLSRVSDSVGFLWWNNNGNAGCATCFVFKELYILTCQHVIASIVGEGIDSSE
WANIISQCVKVTFDYEELLPTGDKFFMVKPWFEISDKHLDYAVLELKENGQEVPA
GLYHRIRPVPHSGLIYIIGHPEGEKKSIDCCTVVPQSSRRKKCQENFQAREEAGFCFST
SFIHMYTQRSFQEMLHNSDVVTYDTSFFGGSSGSPVFDSNGSLVAMHAAGITCTYQ
AGVSNIIIEFGSIMESIDHMKQDKYKEWYNTISGNVQNVEMLSIDF

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 FAM111A full length protein (1-613aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. FAM111A, also known as KCS2 or GCLEB or protein FAM111A, 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.