



Recombinant strain K12 FADD Protein Product Manual

1. Product Basic Information

Product No.: REP06829

Protein Name: Fas Associated Via Death Domain (FADD)

Aliases: GIG3; IMD90; MORT1; Fas associated via death domain; growth-inhibiting gene 3 protein; FAS-associated death domain protein; mediator of receptor-induced toxicity; Fas (TNFRSF6)-associated via death do...

UniProt ID: Q13158

UniProt Link: <https://www.uniprot.org/uniprotkb/Q13158/entry>

Species Source: Escherichia coli (strain K12)

Expression System: E.coli

Protein Length: Full Length (1-561aa)

Molecular Weight: 66.3 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-561aa)

MKKVWLNRYPADVPTEINPDRYQSLVDMFEQSVARYADQPAFVNMGEVMTFRKLE
ERSRAFAAYLQQGLGLKKGDRVALMMPNLLQYPVALFGILRAGMIVNVNPLYTPR
ELEHQLNDSGASAIVIVSNFAHTLEKVVDTAVQHVILTRMGDQLSTAKGTVVNFVV
KYIKRLVPKYHLPDAISFRSALHNGYRMQYVKPELVPEDLAFLQYTGGTTGVAKGA
MLTHRNMLANLEQVNATYGPLLHPGKELVVTALPLYHIFALTINCLLFIELGGQNLLIT
NPRDIPGLVKELAKYPFTAITGVNTLNFALLNNKEFQQLDFSSLHLSAGGGMPVQQV
VAERWVKLTGQYLLEGYGLTECAPLVSVNPYDIDYHSGSIGLPVPSTEAKLVDDDD
NEVPPGQPGELCVKGPQVMLGYWQRPDATDEIKNLWLTGDIIVMDEEGFLRIV
DRKKDMILVSGFNVYPNEIEDVVMQHPGVQEVAAGVPSGSSGEAVKIFVVKKDPS
LTEESLVTFCRRQLTGKVPKLVFEFRDELPSNVGKILRRELRLDEARGKVDNKA

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

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 strain K12 FADD full length protein (1-561aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. FADD, also known as GIG3 or IMD90 or MORT1, 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.