



Recombinant Human GABARAP Protein Product Manual

1. Product Basic Information

Product No.: REP06944

Protein Name: Gabarap-Gaba(A) Receptor-Associated Protein (GABARAP)

Aliases: MM46; ATG8A; GABARAP-GABA(A) receptor-associated protein; GABA type A receptor-associated protein; epididymis secretory sperm binding protein

UniProt ID: O95166

UniProt Link: <https://www.uniprot.org/uniprotkb/O95166/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (2-117aa)

Molecular Weight: 40.8kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (2-117aa)

KFVYKEEHPFEKRRSEGEKIRKKYPDRVPVIVEKAPKARIGDLDDKKKYLVPDLTVG
QFYFLIRKRIHLRAEDALFFVNNVIPPTSATMGQLYQEHHEEDFFLYIAYSDESVDY
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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 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 Human GABARAP partial protein (2-117aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. GABARAP, also known as MM46 or ATG8A or GABARAP-GABA(A) receptor-associated protein, 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.