



Recombinant Human GABRA3 Protein Product Manual

1. Product Basic Information

Product No.: REP06948

Protein Name: Gabaar Subunit Alpha-Gaba(A) Receptor, Alpha Gaba(A) Receptor Subunit Alpha-Gamma-Aminobutyric Acid Receptor Subunit Alpha-Gamma-Aminobutyric Acid (Gaba) A Receptor, Alpha Gamma-Animobutyric Acid (Gaba) A Receptor, Alpha Gamma-Aminobutyric Acid Type A Receptor Alpha3 Subunit (GABRA3)

Aliases: GABAAR subunit alpha-GABA(A) receptor, alpha GABA(A) receptor subunit alpha-gamma-aminobutyric acid receptor subunit alpha-gamma-aminobutyric acid (GABA) A receptor, alpha gamma-animobutyric acid (GAB...

UniProt ID: P34903

UniProt Link: <https://www.uniprot.org/uniprotkb/P34903/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (29-274aa)

Molecular Weight: 34.8 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (29-274aa)

QGESRRQEPGDFVKQDIGGLSPKHAPDIPDDSTDNITIFTRILDRLLDGYDNRLRPG
LGDAVTEVKTDIYVTSFGPVSDTDMEYTIDVFFRQTWHERLKFDPKILPLNNLL
ASKIWTPDTFFHNGKKSVAHNMTTPNKLLRLVDNGTLLYTMRLTIHAECPMHLEDFP
MDVHACPLKFGSYAYTTAEVVYSWTLGKNKSVEVAQDGSRLNQYDLLGHVVGTEII
RSSTGEYVVMTHFHLKRK

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 Human GABRA3 partial protein (29-274aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. GABRA3, also known as GABAAR subunit alpha-GABA(A) receptor, alpha GABA(A) receptor subunit alpha-gamma-aminobutyric acid receptor subunit alpha-gamma-aminobutyric acid (GABA) A receptor, alpha gamma-animobutyric acid (GABA) A receptor, alpha gamma-aminobutyric acid type A receptor alpha3 subunit, 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.