

Recombinant Human GABRA3 protein, GST-tagged

Cat. No. GABRA3-13093H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABRA3 protein(24-282 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	24-282 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	PGTTGQGESRRQEPGDFVKQDIGGLSPKHAPDIPDDSTDNITIFTRILDRLLDGYDNR LRPGLGDAVTEVKTDIYVTSFGPVSDTDMEYTIDVFFRQTWDERLKFDGPMKILPL NNLLASKIWTPDTFFHNGKKSVAHNMTTPNKLRLVDNGTLPYTMRLTIHAECPMHL EDFPMDVHACPLKFGSYAYTTAEVVYSWTLGKNKSVEVAQDGSRLNQYDLLGHVV GTEIIRSSTGEYVVMTTHFHLKRKIGYFVIQT
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [GABRA3 gamma-aminobutyric acid \(GABA\) A receptor, alpha 3 \[Homo sapiens \]](#)

Official Symbol [GABRA3](#)

Synonyms

GABRA3; gamma-aminobutyric acid (GABA) A receptor, alpha 3; gamma-aminobutyric acid receptor subunit alpha-3; GABA(A) receptor; alpha 3; GABA(A) receptor, alpha 3; GABA(A) receptor subunit alpha-3; gamma-animobutyric acid (GABA) A receptor, alpha 3; MGC33793;

Gene ID [2556](#)

mRNA Refseq [NM_000808](#)

Protein Refseq [NP_000799](#)

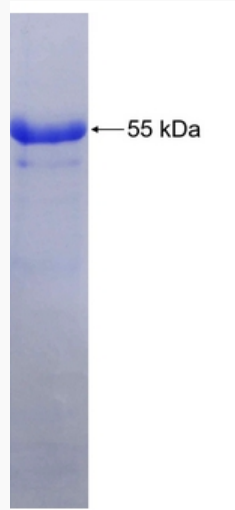
MIM [305660](#)

UniProt ID [P34903](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA