

Recombinant Human GABRA2 Protein

Cat. No. GABRA2-4636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GABRA2 full-length ORF (ADZ15724.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Form	Liquid
Molecular Mass	40.4 kDa
AA Sequence	MKTKLNIYNMQFLLFVFLVWDPARLVLANIQEDEAKNNITIFTRILDRLLDGYDNRLRP GLGDSITEVFTNIYVTSFGPVSDTDMEYIDVFFRQKWKDERLKFKGPMNILRLNNLM ASKIWTPDTFFHNGKKSAAHNMTMPNKLRIQDDGTLTYMRLTVQAECPMHLEDF PMDAHSCPLKFGSYAYTTSEVTYIWTYNASDSVQVAPDGSRLNQYDLLGQSIGKETI KSSTGEYTVMTAHFHLKRKIGYFVIQTYLPCIMTVILSQVSFWLNRESVPARTVFGVT TVLTMTTLLSISARNSLPKVAYATAMDWFIACVAFVFSALIEFATVNYFTKRGWAWD GKSVVNDKVSESFRVIIKKIP

 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

Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	GABRA2 gamma-aminobutyric acid (GABA) A receptor, alpha 2 [Homo sapiens]
Official Symbol	GABRA2
Synonyms	GABRA2; gamma-aminobutyric acid (GABA) A receptor, alpha 2; gamma-aminobutyric acid receptor subunit alpha-2; GABA(A) receptor; alpha 2; GABA(A) receptor, alpha 2; GABA(A) receptor subunit alpha-2; FLJ97076;
Gene ID	2555
mRNA Refseq	NM_000807
Protein Refseq	NP_000798
MIM	137140

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UniProt ID

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