

Recombinant Full Length Human GABRA2 Protein

Cat. No. GABRA2-5183HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GABRA2 full-length ORF (ADZ15724.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	190 amino acids
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	MKTKLNIYNMQFLLFVFLVWDPARLVLANIQEDEAKNNITIFTRILDRLLDGYDNRRLRP GLGDSITEVFTNIYVTSFGPVSDTDM EYTI DVFFRQKWKDERLKFKGPMNLRNLNLM ASKIWTPDTFFHNGKKSAAHNMTMPNKLLRIQDDGTLTYMRLTVQAECMPHLEDF PMDAHSCPLKFGSYAYTTSEVTYIWTYNASDSVQVAPDGSRLNQYDLLGQSIGKETI KSSTGEYTVMTAHFHLKRKIGYFVIQTYLPCIMTVILSQVSFWLNRESVPARTVFGVT TVLTMTTLSISARNSLPKVAYATAMDWFIACVAFVFSALIEFATVNYFTKRGWAWD

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GKSVVNDKVSESFRVIIKKIP

Applications

Antibody Production
Functional Study
Compound Screening

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

UniProt ID

P47869

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