

## Recombinant Human GABBR2 Protein

Cat. No. GABBR2-4629H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GABBR2 full-length ORF (AAH35071.2) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	B-type receptors for the neurotransmitter GABA (gamma-aminobutyric acid) inhibit neuronal activity through G protein-coupled second-messenger systems, which regulate the release of neurotransmitters and the activity of ion channels and adenylyl cyclase. See GABBR1 (MIM 603540) for additional background information on GABA-B receptors.[supplied by OMIM
<b>Form</b>	Liquid
<b>Molecular Mass</b>	99.9 kDa
<b>AA Sequence</b>	MGLMPLTKEVAKGSIGRGLVPAVELAIEQIRNESLLRPYFLDLRLYDTECDNAKGLKAFYDAIKYGPNHLMVFGGVCPSVTSIIAESLQGWNLVQLSFAATTPVLADKKKYPYFFRTVPSDNAVNPAILKLLKHQWKRVTGTLTQDVQRFSEVRNDLTGVLYGEDIEISDTESFSNDPCTSVKCLKGNDVRIILGQFDQNMAAKVFCCAYEENMYGSKYQWIIPGWYEPSWWEQVHTEANSSRCLRKNLLAAMEGYIGVDFEPLSSKQIKTISGKTPQQYEREYNKRSVGVGPSKFGYAYDGIWVIKTLQRAMETLHASSRHQRIQDFNYTDHTLGRILNAMNETNFFGVGTGQVFRNGERMGTIKFTQFQDSREVVKVGEYNAVADTLEIINDTIRFQGSEPPKDKTIILEQLRKISLPLYSILSALTILGMIMASAFLFFNIKNRNQKLIKMSPPYMNNLIILGGMLSYSIFLFGLDGSFVSEKTFETLCTVRTWILTVGYTTAFGAMFAKTW

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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

RVHAIFKNVKMKKKIIKDQKLLVIVGGMLLIDLCILICWQAVDPLRRTVEKYSMEPDPA  
 GRDISIRPLLEHCENTHMTIWLGIYVYKGLMLFGCFLAWETRNVSIPALNDSKYIG  
 MSVYNVGIMCIIGAAVSFLTRDQPNVQFCIVALVIIFCSTITLCLVFVPKLITLRTNPDA  
 TQNRFRQFTQNQKKEDSKTSTSVTSVNQASTSRLEGLQSENHHLRMKITELDKDLE  
 EVTMQLQDTPEKTTYIKQNHYQELNDILNLGNFTESTDGGKAILKNHLDQNPQLQWN  
 TTEPSRTCKDPIEDINSPEHIQRRLSLQLPILHHAYLPSIGGVDASCVSPCVSPTASPR  
 HRHVPPSFRVMVSGL

<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	GABBR2 gamma-aminobutyric acid (GABA) B receptor, 2 [ Homo sapiens ]
<b>Official Symbol</b>	GABBR2
<b>Synonyms</b>	GABBR2; gamma-aminobutyric acid (GABA) B receptor, 2; G protein coupled receptor 51, GPR51; gamma-aminobutyric acid type B receptor subunit 2; GABABR2; GPRC3B; HG20; gb2; GABA-BR2; GABA-B-R2; GABA-B receptor 2; GABA-B receptor, R2 subunit; G protein-coupled receptor 51; G-protein coupled receptor 51;

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gamma-aminobutyric acid B receptor 2; GPR51; HRIHFB2099; FLJ36928;

**Gene ID** 9568

**mRNA Refseq** NM\_005458

**Protein Refseq** NP\_005449

**MIM** 607340

**UniProt ID** O75899

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