

Recombinant Human GABBR2 Protein

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

SPECIFICATION

Product Overview	Human GABBR2 full-length ORF (AAH35071.2) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	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
Form	Liquid
Molecular Mass	99.9 kDa
AA Sequence	MGLMPLTKEVAKGSIGRGVLPAVELAIEQIRNESLLRPYFLDLRLYDTECDNAKGLKA FYDAIKYGPNHLMVFGGVCPSVTSIIAESLQGWNLVQLSFAATTPVLADKKKYPYFFR TVPSDNAVNPAILKLLKHQYQWKRVTGTLTQDVQRFSEVRNDLTGVLYGEDIEISDTES FSNDPCTSVKKLKGNDVRIILGQFDQNMAAKVFCCAYEENMYGSKYQWIIPGWYEP SWWEQVHTEANSSRCLRNLLAAMEGYIGVDFEPLSSKQIKTISGKTPQQYEREYN NKRSGVGPSKFHGYAYDGIWVIAKTLQRAMETLHASSRHQRIQDFNYTDHTLGRIL NAMNETNFFGVTGQVFRNGERMGTIKFTQFQDSREVKVGEYNAVADTLEIINDTIR FQGSEPPKDKTIILEQLRKISLPLYSILSALTILGMIMASAFLFFNIKNRNQKLIKMSPPY MNNLIILGGMLSYASIFLFGLDGSFVSEKTFETLCTVRTWILTVGYTTAFGAMFAKTW

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RVHAIFKNVKMKKKIHKDQKLLVIVGGMLLDLCILICWQAVDPLRRTVEKYSMEPDPA
GRDISIRPLLEHCENTHMTIWLGVYAYKGLMLFGCFLAWETRNVSPALNDSKYIG
MSVYNVGIMCIIGAAVSFLTRDQPNVQFCIVALVIIFCSTITLCLVFVPKLITLRTNPDA
TQNRRFQFTQNQKKEDSKTSTSVTSVNQASTSRLEGLQSENHHLRMKITELDKDLE
EVTMQLQDTPEKTTYIKQNHQELNDILNLGNFTESTDGGKAILKNHLDQNPQLQWN
TTEPSRTCKDPIEDINSPEHIQRRLSLQLPILHHAYLPSIGGVDASCVSPCVSPTASPR
HRHVPPSFRVMVSGL

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

GABBR2 gamma-aminobutyric acid (GABA) B receptor, 2 [Homo sapiens]

Official Symbol

GABBR2

Synonyms

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 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