

Recombinant Human GABBR2 Protein, GST-tagged

Cat. No. GABBR2-4630H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GABBR2 full-length ORF (AAH35071.2, 1 a.a. - 883 a.a.) recombinant protein with GST-tag at N-terminal.
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
Molecular Mass	126.3 kDa
AA Sequence	MGLMPLTKEVAKGSIGRGLPAVELAIEQIRNESLLRPYFLDLRLYDTECDNAKGLKAFYDAIKYGPNHLMVFGGVCPSVTSIIAESLQGWNLVQLSFAATTPVLADKKKYPYFFRTVPSDNAVNPAILKLLKHYQWKRVGTLTQDVQRFSEVRNDLTGVLYGEDIEISDTESFSNDPCTSVKLLKGN DVRIILGQFDQNMAAKVFCCAYEENMYGSKYQWIIPGWYEP SWWEQVHTEANSSRCLRKNLLAAMEGYIGVDFEPLSSKQIKTISGKTPQQYEREYN NKRSVGGPSKFGHYAYDGIWVIAKTLQRAMETLHASSRHQRIQDFNYTDHTLGR IIL NAMNETNFFGVTGQVVFRNGERMGTIKFTQFQDSREVKVGEYNAVADTLEIINDTIR FQGSEPPKDKTIILEQLRKISLPLYSILSALTILGMIMASAFFNKNRNQKLIKMS SPY MNLIILGGMLSYASIFLFLDGSFVSEKTFETLCTVRTWILTVGYTTAFGAMFAKTW

 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

RVHAIFKNVKMKKKIIKDQKLLVIVGGMLLIDLCILICWQAVDPLRRTVEKYSMEPDPA
 GRDISIRPLLEHCENTHMTIWLGIYVYKGLLMLFGCFLAWETRNVSIPALNDSKYIG
 MSVYNVGIMCIIGAAVSFLTRDQPNVQFCIVALVIIFCSTITLCLVFPKLITLRTNPDA
 TQNRRFQFTQNQKKEDSKTSTSVTSVNQASTSRLEGLQSENHHLRMKITELDKDLE
 EVTMQLQDTPEKTTYIKQNHYQELNDILNLGNFTESTDGGKAILKNHLDQNPQLQWN
 TTEPSRTCKDPIEDINSPEHIQRRLSLQLPILHHAYLPSIGGVDASCVSPCVSPTASPR
 HRHVPPSFRVMVSGL

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

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
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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Gene ID 9568

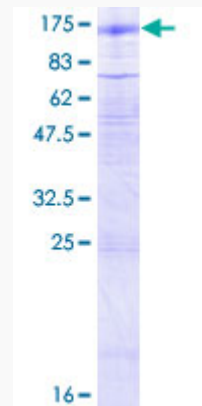
mRNA Refseq NM_005458

Protein Refseq NP_005449

MIM 607340

UniProt ID O75899

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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