

Recombinant Full Length Human GABBR2 Protein, GST-tagged

Cat. No. GABBR2-5178HF **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	In Vitro Cell Free System
ProteinLength	883 amino acids
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	MGLMPLTKEVAKGSIGRGVLPVELAIEQIRNESLLRPYFLDLRLYDTECDNAKGLKAFYDAIKYGP NHLMVFGGVCPSVTSIIAESLQGWNLVQLSFAATTPVLADKKKYPYFFRTVPSDNAVNPAILKLLKH YQWKRVGTLTQDVQRFSEVRNDLTGVLYGEDIEISDTESFSNDPCTSVK KLGNDVRIILGQFDQNMAAKVFCCAYEENMYGSKYQWIIPGWYEPSWWEQVHTEANSSRCLRK NLLAAMEGYIGVDFEPLSSKQIKTISGKTPQQYEREYN NKRSGVGPSKFHGYAYDGIWVI AKTLQRAMETLHASSRHQRIQDFNYTDHTLGRILNAMNETNFFGVTGQVFRNGERMGTIKFTQFQDSREV KVG EYNAVADTLEIINDTIR

 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

FQGSEPPKDKTIILEQLRKISLPLYSILSALTILGMIMASAFLEFFNIKNRNQKLIKMSPPY
 MNNLILGGMLSYASIFLFGDGSFVSEKTFETLCTVRTWILTVGYTTAFGAMFAKTW
 RVHAIFKNVKMKKKIHKDQKLLVIVGGMLLIDLCILICWQAVDPLRRTVEKYSMEPDPA
 GRDISIRPLLEHCENTHMTIWLGVYAYKGLMLFGCFLAWETRNVSIPALNDSKYIG
 MSVYNVGIMCIIGAAVSFLTRDQPNVQFCIVALVIIFCSTITLCLVFVPKLITLRTNPDA
 TQNRFRQFTQNKQKEDSKTSTSVTSVNQASTSRLEGLQSENHHLRMKITELDKDLE
 EVTMQLQDTPEKTTYIKQNHQELNDILNLGNFTSTDDGGKAILKNHLDQNPQLQWN
 TTEPSRTCKDPIEDINSPEHIQRRSLQLPILHHAYLPSIGGVDASCVSPCVSPTASPR
 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;

 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

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