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	MGLMPLTKEVAKGSIGRGVLPAVELAIEQIRNESLLRPYFLDLRLYDTECDNAKGLKA FYDAIKYGPNHLMVFGGVCPSVTSIIAESLQGWNLVQLSFAATTPVLADKKKYPYFFR TVPSDNAVNPAILKLLKHYQWKRVGTLTQDVQRFSEVRNDLTGVLYGEDIEISDTES FSNDPCTSVKKLKGNDVRIILGQFDQNMAAKVFCCAYEENMYGSKYQWIIPGWYEP SWWEQVHTEANSSRCLRKNLLAAMEGYIGVDFEPLSSKQIKTISGKTPQQYEREYN NKRSGVGPSKFHGYAYDGIWVIAKTLQRAMETLHASSRHQRIQDFNYTDHTLGRIIL NAMNETNFFGVTGQVVFRNGERMGTIKFTQFQDSREVKVGEYNAVADTLEIINDTIR

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	FQGSEPPKDKTIILEQLRKISLPLYSILSALTILGMIMASAFLFFNIKNRNQKLIKMSSPY MNNLIILGGMLSYASIFLFGLDGSFVSEKTFETLCTVRTWILTVGYTTAFGAMFAKTW RVHAIFKNVKMKKKIIKDQKLLVIVGGMLLIDLCILICWQAVDPLRRTVEKYSMEPDPA GRDISIRPLLEHCENTHMTIWLGIVYAYKGLLMLFGCFLAWETRNVSIPALNDSKYIG MSVYNVGIMCIIGAAVSFLTRDQPNVQFCIVALVIIFCSTITLCLVFVPKLITLRTNPDAA 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;

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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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