

Recombinant Full Length Human GABBR2 Protein

Cat. No. GABBR2-5163HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GABBR2 full-length ORF (AAH35071.2) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	292 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
Form	Liquid
Molecular Mass	99.9 kDa
AA Sequence	MGLMPLTKEVAKGSIGRGVLPVELAIEQIRNESLLRPYFLDLRLYDTECDNAKGLKAFYDAIKYGPNHLMVFGGVCPSVTSIIAESLQGWNLVQLSFAATTPVLADKKKYPYFFRTVPSDNAVNPAILKLLKHYQWKRVGTLTQDVQRFSEVRNDLTGVLYGEDIEISDTESFSNDPCTSVKCLKGNDVRIILGQFDQNMAAKVFCCAYEENMYGSKYQWIIPGWYEPSWWEQVHTEANSSRCLRNLLAAMEGYIGVDFEPLSSKQIKTISGKTPQQYEREYN NKRSGVGPSKFGYAYDGIWVI AKTLQRAMETLHASSRHQRIQDFNYTDHTLGRILNAMNETNFFGVTGQVFRNGERMGTIKFTQFQDSREV KVG EYNAVADTLEIINDTIR

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FQGSEPPKDKTIILEQLRKISLPLYSILSALTILGMIMASAFLEFFNIKNRNQKLIKMSPPY
MNNLIILGGMLSYASIFLFGDGSFVSEKTFETLCTVRTWILTVGYTTAFGAMFAKTW
RVHAIFKNVKMKKKIKDQKLLVIVGGMLLIDLCILICWQAVDPLRRTVEKYSMEPDPA
GRDISIRPLLEHCENTHMTIWLGVYAYKGLLMLFGCFLAWETRNVSIPALNDSKYIG
MSVYNVGIMCIIGAAVSFLTRDQPNVQFCIVALVIIFCSTITLCLVFVPKLITLRTNPDA
TQNRRFQFTQNQKKEDSKTSTSVTSVNQASTSRLEGLQSENHHLRMKITELDKDLE
EVTMQLQDTPEKTTYIKQNHQYQELNDILNLGNFTSTDDGGKAILKNHLDQNPQLQWN
TTEPSRTCKDPIEDINSPEHIQRRSLQLPILHHAYLPSIGGVDASCVSPCVSPTASPR
HRHVPPSFRVMVSGL

Applications

- Antibody Production
- Functional Study
- Compound Screening

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; 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

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