

Proteoliposomes

Full-Length

GABBR2 (Human) Recombinant Protein

Catalog # H00009568-G01

Size 10 ug

Specification

Product Description

Human GABBR2 full-length ORF (AAH35071.2) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MGLMPLTKEVAKGSIGRGVLPAVELAIEQIRNESLLRPYFLDLRLYDTECDNAKGLKAFYDAIKYGP
NHLMVFGGVCPSVTSIIAESLQGWNLVQLSFAATTPVLADKKKYPYFFRTVPSDNAVNPAILKLLK
HYQWKRVGTLTQDVQRFSEVRNDLTGVLYGEDIEISDTESFSNDPCTSVKCLKGNDVRILGQFDQ
NMAAKVFCCAYEENMYGSKYQWIIPGWYEPSWWEQVHTEANSSRCLRKNLLAAMEGYIGVDFEP
LSSKQIKTISGKTPQQYEREYNNKRSGVGPSKFHGYAYDGMVIAKTLQRAMETLHASSRHQRIQDF
NYTDHTLGRILNAMNETNFFGVTGQVFRNGERMGTIKFTQFQDSREVKVGEYNAVADTLEIINDTI
RFQGSPPKDKTILEQLRKISLPLYSILSALTILGMIMASAFFNKNRNQKLIKMSPPYMNLIILGG
MLSASIFLFGLDGSFVSEKTFETLCTVRTWILTVGYTAFGAMFAKTWRVHAIFKNVKMKKKIKD
QKLLVIVGGMLLIDLCILICWQAVDPLRRTVEKYSMEPDAGRDISIRPLLEHCENTHMTWLGVYAY
KGLMLFGCFLAWETRNVSIPALNDSKYIGMSVYVNGIMCIIGAAVSFLTRDQPNVQFCIVALVIFCS
TITLCLVFVPKLITLRNPDAATQNRRFQFTQNQKKEDSKTSTSVTSVNQASTSRLEGLQSENHHL
RMKITELDKDLEEVTMQLQDTPEKTTYIKQNHQELNDILNLGNFTSTDDGGKAILKNHLDQNPQLQ
WNTTEPSRTCKDPIEDINSPEHIQRRLSLQLPILHHAYLPSIGGVDASCVSPCVSPTASPRHRHVPP
SFRVMVSGL

Host Wheat Germ (in vitro)

Theoretical MW (kDa) 99.90000000000001

Form Liquid

Preparation Method [in vitro wheat germ expression system with proprietary liposome technology](#)

Purification None

Recommend Usage Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — GABBR2

Entrez GeneID	9568
GeneBank Accession#	BC035071.2
Protein Accession#	AAH35071.2
Gene Name	GABBR2
Gene Alias	FLJ36928, GABABR2, GPR51, GPRC3B, HG20, HRIHFB2099
Gene Description	gamma-aminobutyric acid (GABA) B receptor, 2
Omim ID	188890 607340
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	G protein-coupled receptor 51 OTTHUMP00000021776 OTTHUMP00000063797

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Bipolar Disorder](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Ductus Arteriosus](#)

- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Infant](#)
- [Mental Disorders](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)