

### Specifications:

Gene:	hGABRD
Accession:	NP_000806
Insert size:	1371bp
Concentration:	10µg at 0.2µg/µL

## hGABA-A R delta cDNA Plasmid

**GABRD gamma-aminobutyric acid (GABA) A receptor, delta [ *Homo sapiens* (human) ]**

**Also known as:** EJM7; EIG10; GEFSP5

### Summary:

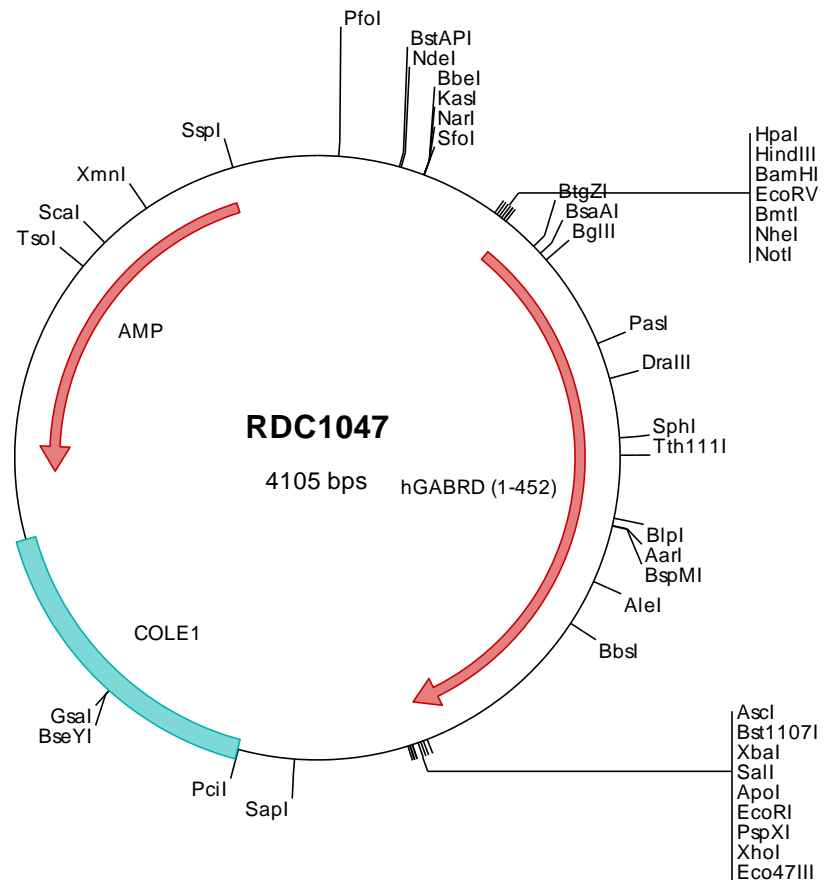
Gamma-aminobutyric acid (GABA) is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. GABA-A receptors are heteropentamer combinations of seven subunit types. GABRD encodes the delta subunit. Mutations in GABRD have been associated with susceptibility to generalized epilepsy with febrile seizures, type 5. Alternatively spliced transcripts encoding different proteins have been described.

### Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

### Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.





### > RDC1047 Plasmid DNA Sequence

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### > RDC1047 Translated Insert Sequence

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