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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GABBR1 (Human) Recombinant Protein (P01)

Catalog Number: H00002550-P01

Regulation Status: For research use only (RUO)

Product Description: Human GABBR1 full-length ORF (NP_068703.1, 1 a.a. - 844 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGPGAPFARVGVPLPLLVMAAGVAPVWASHSPHLP
RPHSRVPPHPSSERRAVYIGALFPMMSGGWPGGQACQ
PAVEMALEDVNSRRDILPDYELKLIHHDSKCDPGQATK
YLYELLYNDPIKILMPGCSSVSTLVAEAARMWNLIVLS
YGSSSPALSNRQRFPTFFRTHPSATLHNPTRVKLFEK
WGWKKIATIQQTTEVFTSTLDDLEERVKEAGIEITFRQS
FFSDPAVPVKNLKRQDARIIVGLFYETEARKVFCEVYK
ERLFGKKYVWFLIGWYADNWFKIYDPSINCTVDEMTE
AVEGHITTEIVMLNPANTRISISNMTSQEFVEKLTKRKR
HPEETGGFQEAPLAYDAIWALALALNKTSGGGGRSGV
RLEDFNYNNQTITDQIYRAMNSSFEGVSGHVVDAS
GSRMAWTLIEQLQGGSYKIGIYDSTKDDLSWSKTDK
WIGGSPADQTLVIKTRFLSQKLFISVSVLSSLGIVLAV
VCLSFNIYNVRYIQNSQPNNLNTAVGCSLALAAVF
PLGLDGYHIGRNQFPVQCQARLWLLGLGFSGLGYGSMF
TKIWWVHTVFTKKEEKKEWRKTLEPWKLYATVGLLVG
MDVLTLAIWQIVDPLHRTIETFAKEPKEDIDVSILPQLE
HCSSRKMNTWLGIFYGYKGLLLLLGIFLAYETKSVSTE
KINDHRAVGMAYNVAVLCLITAPVTMILSSQQDAAFAP
ASLAIVFSSYITLVVLFVPMRRLITRGEWQSEAQDTM
KTGSSTNNNEEEKSRILLEKENRELEKIIAEKEERVSEL
RHQLQSRQQLRSRRHPPTPEPSGGLPRGPPEPPDR
LSCDGSRVHLLYK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 121.5

Interspecies Antigen Sequence: Rat (98)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Entrez GeneID: 2550

Gene Symbol: GABBR1

Gene Alias: FLJ92613, GABAB(1e), GABABR1, GABBR1-3, GPRC3A, dJ271M21.1.1, dJ271M21.1.2, hGB1a

Gene Summary: Gamma-aminobutyric acid (GABA) is the main inhibitory neurotransmitter in the mammalian central nervous system. GABA exerts its effects through ionotropic [GABA(A/C)] receptors, to produce fast synaptic inhibition, and metabotropic [GABA(B)] receptors, to produce slow, prolonged inhibitory signals. The GABA(B) receptor consists of a heterodimer of two related 7-transmembrane receptors, GABA(B) receptor 1 and GABA(B) receptor 2. The GABA(B) receptor 1 gene is mapped to chromosome 6p21.3 within the HLA class I region close to the HLA-F gene. Susceptibility loci for multiple sclerosis, epilepsy, and schizophrenia have also been mapped in this region. Alternative splicing of this gene generates multiple transcript variants. [provided by RefSeq]