

## Recombinant Mouse Gabra5 Protein, MYC/DDK-tagged

Cat. No. Gabra5-487M    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse gamma-aminobutyric acid (GABA) A receptor, subunit alpha 5 (Gabra5), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                          |
| <b>Description</b>      | Biased expression in CNS E18 (RPKM 18.3), frontal lobe adult (RPKM 16.8) and 4 other tissues.                                                                                   |
| <b>Molecular Mass</b>   | 52.3 kDa                                                                                                                                                                        |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                      |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                   |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                  |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                           |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Gabra5 gamma-aminobutyric acid (GABA) A receptor, subunit alpha 5 [ Mus musculus (house mouse) ]                                                                                                        |
| <b>Official Symbol</b> | Gabra5                                                                                                                                                                                                  |
| <b>Synonyms</b>        | Gabra5; gamma-aminobutyric acid (GABA) A receptor, subunit alpha 5; A230018I05Rik; gamma-aminobutyric acid receptor subunit alpha-5; GABA(A) receptor subunit alpha-5; ligand-gated ion channel subunit |
| <b>Gene ID</b>         | 110886                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_176942                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_795916                                                                                                                                                                                               |
| <b>UniProt ID</b>      | Q8BHJ7                                                                                                                                                                                                  |

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