

## Recombinant Human GATAD2B Protein, GST-tagged

**Cat. No.** GATAD2B-4758H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <b>Product Overview</b> | Human GATAD2B full-length ORF (BAG52906.1, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | This gene encodes a zinc finger protein transcriptional repressor. The encoded protein is part of the methyl-CpG-binding protein-1 complex, which represses gene expression by deacetylating methylated nucleosomes. Mutations in this gene are linked to intellectual disability and dysmorphic features associated with mental retardation. [provided by RefSeq, Jun 2016]                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 91.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MDRMTE DALRLNLLK RSLDPAD ERDDVLAKRLKMEGHEAMERLKMLALLKRKDLAN<br>LEVPHELPTKQDGSGVKGYEEKLNGNLRPHGDNRTAGRPGKENINDEPVDMSARR<br>SEPERGRLTPSPDIIVLSDNEASSPRSSSRMEERLKAANLEMFKGKGIEERQQLIKQL<br>RDELRLEEARELVLLKKLRQSQLQKENVVRKTPVVQNAASIVQPSPAHVGQQGLSKL<br>PSRPGAQGVPEPQNLRTLQGHSVIRSATNTTLPHMLMSQRVIAPNPAQLQGQRGPPK<br>PGLVRTTTTPNMNPAINYQPQSSSSVPCQRTTSSAIYMNLAHQPGAVNRVSSPLPS<br>PSAMTDAANSQAAAKLALRKQLEKTLLEIPPPKPPAPLLHFLPSAANSEFIYMVGLEE<br>VVQSVIDSQGKSCASLLRVEPFVCAQCRTDFTPHWKQEKNGKILCEQCMTSNQKKA<br>LKAHTNRLKNAFVKALQQEQEIEQRLQQQAALSPTTAPAVSSSVSKQETIMRHHTLR |

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | QAPQPQSSLQRGIPTSARSMLSNFAQAPQLSVPGGLLGMPGVNIAYLNTGIGGHKG<br>PSLADRQREYLLDMIPPRSISQSISGQK                                                                                                                                                                                       |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                              |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                         |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                       |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                       |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>        | GATAD2B GATA zinc finger domain containing 2B [ Homo sapiens ]                                                                                                                                                                                                                 |
| <b>Official Symbol</b>  | GATAD2B                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>         | GATAD2B; GATA zinc finger domain containing 2B; transcriptional repressor p66-beta; P66beta; transcription repressor p66 beta component of the MeCP1 complex; p66/p68; GATA zinc finger domain-containing protein 2B; FLJ37346; KIAA1150; RP11-216N14.6; MGC138257; MGC138285; |
| <b>Gene ID</b>          | 57459                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>      | NM_020699                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>   | NP_065750                                                                                                                                                                                                                                                                      |

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| MIM | 614998 |
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| UniProt ID | Q8WXI9 |
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