

Recombinant Full Length Human GATAD2B Protein, GST-tagged

Cat. No. GATAD2B-5476HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GATAD2B full-length ORF (BAG52906.1, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	593 amino acids
Description	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]
Molecular Mass	91.7 kDa
AA Sequence	MDRMTEDALRLNLLKRSLDPADERDDVLAKRLKMEGHEAMERLKMLALLKRKDLAN LEVPHELPTKQDGSVKGVEEKLNGNLRPHGDNRTAGRPGKENINDEPVDMSARR SEPERGRLTPSPDIIVLSDNEASSPRSSSRMEERLKAANLEMFKGKGIEERQQLIKQL RDELRLEEARELVLLKKLRQSQLQKENVVRKTPVVQNAASIVQPSAHVGQQGLSKL PSRPGAQGVPEPQNLRTLQGHSVIRSATNTTLPHMLMSQRVIAPNPAQLQGQRGPPK PGLVRTTTPNMNPAINYQPQSSSVPCQRTTSSAIYMNLAHQPGAVNRVSSPLPS PSAMTDAANSQAAAKLALRKQLEKTLLEIPPPKPPAPLLHFLPSAANSEFIYMVGLEE

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VVQSVIDSQGKSCASLLRVEPFVCAQCRTDFTPHWKQEKNKILCEQCMTSNQKKA
LKAehtnRLKNAFVKALQQEQEIEQRLQQQAALSPTTAPAVSSVSKQETIMRHHTLR
QAPQPQSSLQRGIPTSARSMLSNAFAQAPQLSVPGGLLGMPGVNIAYLNTGIGGHKG
PSLADRQREYLLDMIPPRSISQSISGQK

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name [GATAD2B GATA zinc finger domain containing 2B \[Homo sapiens \]](#)

Official Symbol [GATAD2B](#)

Synonyms 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;

Gene ID [57459](#)

mRNA Refseq [NM_020699](#)

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Protein Refseq	NP_065750
MIM	614998
UniProt ID	Q8WXI9

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