

Datasheet for ABIN7550485

GATAD2A Protein (AA 1-633) (His tag)



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Overview

Quantity:	1 mg
Target:	GATAD2A
Protein Characteristics:	AA 1-633
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GATAD2A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GATAD2A Protein expressed in mammalian cells.
Sequence:	<p>MTEEACRTRS QKRALERDPT EDDVESKKIK MERGLLASDL NTDGDMRVTP EPGAGPTQGL</p> <p>LRATEATAMA MGRGEGLVGD GPVDMRTSHS DMKSERRPPS PDVIVLSDNE QPSSPRVNGL</p> <p>TTVALKETST EALMKSSPEE RERMIKQLKE ELRLLEEAKLV LLKKLRQSQI QKEATAQKPT</p> <p>GSVGSTVTTT PPLVRGTQNI PAGKPSLQTS SARMPGSVIP PPLVRGGQQA SSKLGPQASS</p> <p>QVVMPPPLVRG AQQIHSIRQH SSTGPPPLLL APRASVPSVQ IQGQRIQQG LIRVANVPNT</p> <p>SLLVNIPQPT PASLKGTTAT SAQANSTPTS VASVTSAES PASRQAAAKL ALRKQLEKTL</p> <p>LEIPPPKPPA PEMNFLPSAA NNEFIYLVGL EEVVQNLLT QGRMSAATVL SREPYMCAQC</p> <p>KTDFTCRWRE EKSGAIMCEN CMTTNQKKAL KVEHTSRLKA AFVKALQEQE EIEQRLLQQG</p> <p>TAPAQAKAEP TAAPHPVLKQ VIKPRRKLAF RSGEARDWSN GAVLQASSQL SRGSATTPRG</p> <p>VLHTFSPSPK LQNSASATAL VSRTGRHSER TVSAGKGSAT SNWKKTPLST GGTlafvSPS</p> <p>LAVHKSSSAV DRQREYLLDM IPPRSIPQSA TWK Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p>

Product Details

of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	GATAD2A
Alternative Name:	GATAD2A (GATAD2A Products)
Background:	<p>Transcriptional repressor p66-alpha (Hp66alpha) (GATA zinc finger domain-containing protein 2A),FUNCTION: Transcriptional repressor (PubMed:12183469, PubMed:16415179). Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed:16428440, PubMed:28977666). Enhances MBD2-mediated repression (PubMed:12183469, PubMed:16415179). Efficient repression requires the presence of GATAD2B (PubMed:16415179). {ECO:0000269 PubMed:12183469, ECO:0000269 PubMed:16415179, ECO:0000269 PubMed:16428440, ECO:0000269 PubMed:28977666}.</p>

Target Details

Molecular Weight:	68.1 kDa
UniProt:	Q86YP4
Pathways:	Tube Formation , Embryonic Body Morphogenesis

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months