Datasheet for ABIN7556102

ZNF609 Protein (AA 1-1411) (His tag)

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Overview

Quantity:	1 mg
Target:	ZNF609
Protein Characteristics:	AA 1-1411
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF609 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF609 Protein expressed in mammalian cells.
Sequence:	MSLSSGASGG KGVDANPVET YDSGDEWDIG VGNLIIDLDA DLEKDQQKLE MSGSKEVGIP APNAVATLPD NIKFVTPVPG PQGKEGKSKS KRSKSGKDTS KPTPGTSLFT PSEGAASKKE VQGRSGDGAN AGGLVAAIAP KGSEKAAKAS RSVAGSKKEK ENSSSKSKKE RSEGVGTCSE KDPGVLQPVP LGGRGGQYDG SAGVDTGAVE PLGSIAIEPG AALNPLGTKP EPEEGENECR LLKKVKSEKM ESPVSTPAVL PIHLLVPVVN NDISSPCEQI MVRTRSVGVN TCDVALATEP ECLGPCEPGT SVNLEGIVWQ ETEDGMLVVN VTWRNKTYVG TLLDCTRHDW APPRFCDSPT SDLEMRNGRG RGKRMRPNSN TPVNETATAS DSKGTSNSSK TRAGANSKGR RGSQNSSEHR PPASSTSEDV KASPSSANKR KNKPLSDMEL NSSSEDSKGS KRVRTNSMGS ATGPLPGTKV EPTVLDRNCP SPVLIDCPHP NCNKKYKHIN GLKYHQAHAH TDDDSKPEAD GDSEYGEEPI LHADLGSCNG ASVSQKGSLS PARSATPKVR LVEPHSPSPS SKFSTKGLCK KKLSGEGDTD LGALSNDGSD DGPSVMDETS NDAFDSLERK CMEKEKCKKP SSLKPEKIPS KSLKSARPIA PAIPPQQIYT FQTATFTAAS PGSSSGLTAT VAQAMPNSPQ LKPIQPKPTV MGEPFTVNPA

	LTPAKDKKKK DKKKKESSKE LESPLTPGKV CRAEEGKSPF RESSGDGMKM EGLLNGSSDP HQSRLASIKA EADKIYSFTD NAPSPSIGGS SRLENTTPTQ PLTPLHVVTQ NGAEASSVKT NSPAYSDISD AGEDGEGKVD SVKSKDAEQL VKEGAKKTLF PPQPQSKDSP YYQGFESYYS PSYAQSSPGA LNPSSQAGVE SQALKTKRDE EPESIEGKVK NDICEEKKPE LSSSSQQPSV IQQRPNMYMQ SLYYNQYAYV PPYGYSDQSY HTHLLSTNTA YRQQYEEQQK RQSLEQQQRG VDKKAEMGLK EREAALKEEW KQKPSIPPTL TKAPSLTDLV KSGPGKAKEP GADPAKSVII PKLDDSSKLP GQAPEGLKVK LSDASHLSKE ASEAKTGAEC GRQAEMDPIL WYRQEAEPRM WTYVYPAKYS DIKSEDERWK EERDRKLKEE RSRSKDSVPK EDGKESTSSD CKLPTSEESR LGSKEPRPSV HVPVSSPLTQ HQSYIPYMHG YSYSQSYDPN HPSYRSMPAV MMQNYPGSYL PSSYSFSPYG SKVSGGEDAD KARASPSVTC KSSSESKALD ILQQHASHYK SKSPTISDKT SQERDRGGCG VVGGGGSCSS VGGASGGERS VDRPRTSPSQ RLMSTHHHHH HLGYSLLPAQ YNLPYAAGLS STAIVASQQG STPSLYPPPR R **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity 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:	Key Benefits: • 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). 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. If you are not interested in a full length protein, please contact us for individual protein fragments. 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.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ZNF609
Alternative Name:	ZNF609 (ZNF609 Products)
Background:	Zinc finger protein 609,FUNCTION: Transcription factor, which activates RAG1, and possibly RAG2, transcription. Through the regulation of RAG1/2 expression, may regulate thymocyte maturation. Along with NIPBL and the multiprotein complex Integrator, promotes cortical neuron migration during brain development by regulating the transcription of crucial genes in this process. Preferentially binds promoters containing paused RNA polymerase II. Up-regulates the expression of SEMA3A, NRP1, PLXND1 and GABBR2 genes, among others. {ECO:0000250|UniProtKB:Q8BZ47}., FUNCTION: [Isoform 2]: Involved in the regulation of myoblast proliferation during myogenesis. {ECO:0000269|PubMed:28344082}.
Molecular Weight:	151.2 kDa
UniProt:	O15014

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