

Datasheet for ABIN7545500

ZNF808 Protein (AA 1-903) (His tag)



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Overview

Quantity:	1 mg
Target:	ZNF808
Protein Characteristics:	AA 1-903
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF808 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF808 Protein expressed in mammalian cells.
Sequence:	<p>MLREEAAQKR KGKESGMALP QGRLTFRDVA IEFSLAEWKF LNPAQRALYR EVMLENYRNL</p> <p>EAVDISSKHM MKEVLSTGQG NREVIHTGTL QRHQSYPHIGD FCFQEIEKEI HNIEFQCQED</p> <p>ERNGHEAPTT KIKKLTGSTD QHDHRHAGNK PIKDLGSSF YSHLPELHIF QIKGEIANQL</p> <p>EKSTDASSV STSQRISCRP QIHISNNYGN NPLNSSLLPQ KQEVHMREKS FPCNESGKAF</p> <p>NCSSLLRKHQ IPHLGDKQYK CDVCGKLFNH KQYLACHRRR HTGEKPYKCK ECGKSFSYKS</p> <p>SLTCHHRLHT GVKPYKNEC GKVFRQNSAL VIHKAHTGE KPYKNECGK AFNQSSHLSR</p> <p>HQRLHTGVKP YKCKICEKAF ACHSYLANHT RIHSGEKTYK CNECGKAFNH QSSLARHHIL</p> <p>HTGEKPYKCE ECDKVFSQKS TLERHKRIHT GEKPYKCKVC DTAFTCNSQL ARHRIHTGE</p> <p>KTYKNECRK TFSRRSSLLC HRRLHSGEKP YKCNQCGNTF RHRASLVYHR RLHLEKSYK</p> <p>CTVCNKVFMR NSVLAVHTRI HTAKKPYKCN ECGKAFNQQS HLSRHRLHT GEKPYKCEAC</p> <p>DKVFGQKSAL ESHKRIHTGE KPYRCQVCDT AFTWNSQLAR HTRIHTGEKT YKCNECGKTF</p> <p>SYKSSLVWHR RLHGGEKSYK CKVCDKAFVC RSYVAKHTRI HSGMKPYKCN ECSKTFSNRS</p>

SLVCHRRRIHS GEKPYKCSEC SKTFSQKATL LCHRRRLHSGE KPYKCND CGN TFRHWSSLVY
HRRLLHTGEKS YKCTVCDKAF VRNSYLARHI RIHTAEKPYK CNECGKAFNE QSHLSRHHRI
HTGEKPYKCE ACDKVFSRKS HLCRHRRIHT GEKPYKCNEC GKAFSDRSTL IHHQAIHGIG KFD

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:	<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:	ZNF808
Alternative Name:	ZNF808 (ZNF808 Products)
Background:	Zinc finger protein 808,FUNCTION: Transcriptional repressor that targets mainly transposable elements (PubMed:37973953). Primarily targets the long terminal repeat of endogenous retroviruses classified as MER11 elements which comprise subfamilies A, B and C (PubMed:37973953). May silence transposable elements through the establishment of heterochromatin-associated trimethylation of 'Lys-9' of histone H3 (H3K9me3)

Target Details

(PubMed:37973953). Can also bind to certain gene promoters and other genomic regions (PubMed:37973953). Represses transcription of specific MER11 elements during differentiation toward pancreatic lineages in early pancreas development (PubMed:37973953). By repressing transcription, prevents a liver gene expression program from being aberrantly activated during pancreas differentiation (PubMed:37973953). {ECO:0000269|PubMed:37973953}.

Molecular Weight: 104.8 kDa

UniProt: [Q8N4W9](#)

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