

Recombinant Human ZNF281 Protein, His-tagged

Cat. No. ZNF281-139H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZNF281 Protein, fused to His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	Enables DNA-binding transcription repressor activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Involved in negative regulation of gene expression; negative regulation of transcription by RNA polymerase II; and positive regulation of transcription, DNA-templated. Located in nucleoplasm.
Form	Supplied as a 0.2 µm filtered solution in 30mM Tris300 mM NaCl , pH8.0.
Molecular Mass	~99 kDa
AA Sequence	<p>MGSSHHHHHHSSGLVPRGSHMKIGSGFLSGGGGTGSSGGSGSGGGGSGGGGGG</p> <p>GSSGRRAEMEPTFPQGMVMFNHRLPPVTSFTRPAGSAAPPPQCVLSSSTSAAPAA</p> <p>EPPPPPAPDMTFKKEPAASAAAFPSQRTSWGFLQSLVSIKQEKPADPEEQSSH</p> <p>HHHHYGGFLFAGAEERSPGLGGGEGGSHGVIQDLSILHQHVQQQPAQHHRDVLLSS</p> <p>SSRTDDHHGTEEPKQDTNVKKAKRKPESQGKAKRKPSSASKPSLVGDGEGAILS</p> <p>PSQKPHICDHCSAAFRSSYLRRHVLIHTGERPFQCSQCSMGFIQKYLLQRHEKIH</p> <p>REKPFQCDQCSMKFIQKYHMERHKRTHSGEKPYKCDTCQQYFSRTDRLLKHRRTC</p> <p>GEVIVKGATSAEPGSSNHTNMGNLAVLSQGNTSSRRKTKSKSIAIENKEQKTGKTN</p> <p>ESQISNNINMQSYSEMPTVSSSGGIIGTGIDELQKRVKPKLIFKKGSRKNTDKNYLNF</p>

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VSPLPDIVGQKSLSGKPSGSLGIVSNNSVETIGLLQSTSGKQGQISSNYDDAMQFSK
 KRRYLPTASSNSAFSINVGHMVSQQSVIQSAGVSVLDNEAPLSLIDSSALNAEIKSCH
 DKSGIPDEVLQSILDQYSNKSESQKEDPFNIAEPRVDLHTSGEHSELVQEENLSPGT
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 YQIENFAQAFGSQFKSGSRVPMFITNSNGEVDHRVRTSVSDFSGYTNMMSDVSEP
 CSTRVKTPTSQSYR

Purity >90%

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.17 mg/ml

GENE INFORMATION

Gene Name ZNF281 zinc finger protein 281 [Homo sapiens (human)]

Official Symbol ZNF281

Synonyms GZP1; ZBP99; ZBP-99; ZNP-99

Gene ID 23528

mRNA Refseq NM_001281293

Protein Refseq NP_001268222

MIM 618703

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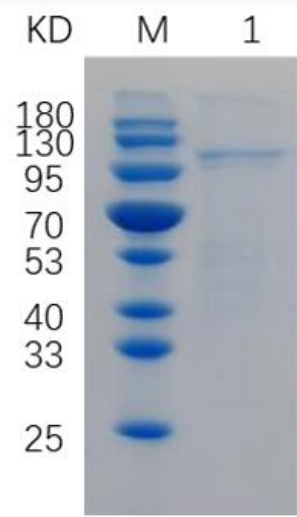
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UniProt ID

Q9Y2X9

SDS-PAGE



Reducing 12% SDS-PAGE analysis profile of purified YFP (CBB stained).

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