

Recombinant Human Zinc finger protein 256, T7-tagged

Cat. No. ZNF256-3016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZNF256 protein was expressed with N-terminal T7-tag in E.coli and purified by using conventional chromatography techniques, 54.9kDa (474aa).
Species	Human
Source	E.coli
Description	The ZNF256 may function as a transcription factor and possesses transcriptional repressor activity in the KRAB domain. It belongs to the krueppel C2H2 type zinc finger protein family and contains 14 C2H2 type zinc fingers. ZNF256 interacts with a co-repressor protein, KRAB-associated protein 1 (KAP-1), through the KRAB domain and KAP-1 is necessary for ZNF256 function.
Sequences of amino acids	MFLSSCTFEV SGKPFTCKEV GKDFLVRSRF LQQQAAHTRK KSNRTKSAVA FHSVKNHYNW GECVKAFSYK HVRVQHQQDL IRERSYMCSE CGKSFSTSCS LSDHLRVHTS EKP YTCGECG KSYRQSSSLI THRIHTGVR PHQCDECGKL FNRKYDLLIH QRVHTGERPY KCSECGKSFS HSSSLITHQR IHTGMRPYEC SECGKSFIHS SSLITHQRVH TGTRPYMCSE CGKSFSQSCH LIKHRLHIG EGPYECSECG KLFTYRSRFF QHQRVHTGVR SHECHECGKL FSRKFDLIVH ERVHTGERPY ECSECGKSFT CKSYLISHWK VHTGARPYEC GECGKSFTHS STLLQHQRVH TGERPYECNE CGKFFSQSSS LIRHRRSHTG ERPYECSECW KSFSNHSSLV KHRRVHTGER LYECSECGKS FSQSSNLTNH QRIHSGERPY ECSDCGKFFT FNSNLLKHQN VHKG

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Formulation 10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN₃. 10mM DTT

Purity > 95% by SDS - PAGE

GENE INFORMATION

Gene Name ZNF256 zinc finger protein 256 [Homo sapiens]

Synonyms BMZF3; BMZF-3; Bone marrow zinc finger 3; Zinc finger protein 256

Gene ID 10172

mRNA Refseq NM_005773

Protein Refseq NP_005764

MIM 606956

UniProt ID Q9Y2P7

Chromosome Location 19q13.43

Function DNA binding; general transcriptional repressor activity; metal ion binding; protein binding; sequence-specific DNA binding transcription factor activity; zinc ion binding; a transcriptional repressor induced by GDNF that plays a role in cell proliferation

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