

## 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 EKPYTCEGCG KSYRQSSSLI THRIHTGVR PHQCDECGKL  
 FNRKYDLLIH QRVHTGERPY KCSECGKSFS HSSSLITHQR IHTGMRPYEC  
 SECGKSFHIS SSLITHQRVH TGTRPYMCSE CGKSFSQSCH LIKHRRLLHIG  
 EGPYECSECG KLFTYRSRFF QHQRVHTGVR SHECHECGKL FSRKFDLIVH  
 ERVHTGERPY ECSECGKSFT CKSYLISHWK VHTGARPYEC GECGKSFTHS  
 STILLQHQRVH TGERPYECNE CGKFFSQSSS LIRHRRSHTG ERPYECSECW  
 KSFSNHSSLV KHRRVHTGER LYECSECGKS FSQSSNLTNH QRIHSGERP  
 ECSDCGKFFT FNSNLLKHQN VHKG

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**Formulation** 10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN<sub>3</sub>. 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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