

Recombinant Human zinc finger, AN1-type domain 1, His-tagged

Cat. No. ZFAND1-563H Lot. No. (See product label)

SPECIFICATION

Product Overview ZFAND1, 1-268aa , Human, His tag, E.coli

Species Human

Source E.coli

ProteinLength 1-268 a.a.

Description

AN1-type zinc finger protein 1 isoform a, also known as ZFAND1, belongs to the Zinc-finger proteins. Zinc -finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZFAND1 is a 268 amino acid protein that contains 2 AN1-type zinc fingers, which are often found in proteins that contain an ubiquitin-like domain and therefore play a role in the ubiquitination pathway. ZFAND1 contains six conserved cysteines and two histidines and have a dimetal (zinc)-bound alpha/beta fold. There are two isoforms of ZFAND1 that are produced as a result of alternative splicing events. Recombinant human ZFAND1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form

Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Mass

33.2kDa (291aa) confirmed by MALDI-TOF

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AA Sequence	MGSSHHHHHH SSSLVPRGSH MGSMALDID QHCQVEHCRQ RDFLPFVCDD CSGIFCLEHR SRESHGCPEV TVINERLKTQ QHTSYPCSFK DCAERELVAV ICPYCEKNFC LRHRHQSDHE CEKLEIPKPR MAATQKLVKD IISKTGETA SKRWKGAKNS EATAKVALMK LKMHADGDKS LPQTERIYFQ VFLPKGSKEK SKPMFFCHRW SIGKAIDFAA SLARLKNNDN KFTAKKLRLC HITSGEALPL DHTLETWIAK EDCPLYNGGN IILEYLNDEE QFCKNVESYL E
Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	ZFAND1 zinc finger, AN1-type domain 1 [Homo sapiens]
Official Symbol	ZFAND1
Synonyms	ZFAND1; zinc finger, AN1-type domain 1; AN1-type zinc finger protein 1; FLJ14007;
Gene ID	79752
mRNA Refseq	NM_001170796
Protein Refseq	NP_001164267
UniProt ID	Q8TCF1
Chromosome	8q21.13

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Location

Function

metal ion binding; zinc ion binding;

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