
Product Data Sheet

Product Name: ZFAND1 Human
 Cat. No.: GP25041
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	AN1-type zinc finger protein 1; ZFAND1; Zinc finger AN1-type domain 1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSM AELDIG QHCQVEHCRQ RDFLPFVCDD CSGIFCLEHR SRESHGCPEV TVINERLKTD QHTSYPCSFK DCAERELVAV ICPYCEKNFC LRHRHQSDHE CEKLEIPKPR MAATQKLVKD IIDSKTGETA SKRWKGAKNS ETAAKVALMK LKMHADGDKS LPQTERIYFQ VFLPKGSKEK SKPMFFCHRW SIGKAIDFAA SLARLKNDNN KFTAKKLRLC HITSGEALPL DHTLETWIAK EDCPLYNGGN IILEYLNDEE QFCKNVESYL E.		
Formulation	ZFAND1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

AN1-type zinc finger protein 1 isoform a (ZFAND1) is a member of the Zinc-finger proteins. Proteins from this family contain DNA-binding domains and have an extensive variety of functions, most of which encompass some form of transcriptional activation or repression. ZFAND1 is a 268 amino acid protein, which contains two AN1-type zinc fingers that are repeatedly found in proteins which contain an ubiquitin-like domain and for that reason have a role in the ubiquitination pathway ZFAND1 is comprised of 6 conserved cysteines and 2 histidines and have a dimetal (zinc)-bound alpha/beta fold. As a result of alternative splicing events two isoforms of ZFAND1 are produced.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

ZFAND1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 291 amino acids (1-268 a.a) and having a molecular mass of 33.2kDa. ZFAND1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA