9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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ZFAND5 Human

Zinc Finger, AN1-Type Domain 5 Human Recombinant
RCP2611

Product Overview

Name	ZFAND5 Human
Description	
Zinc Finger, AN1-Type Domain 5 Human Recombinant	
Accession (Primary)	O76080
Synonyms	
Zinc Finger, AN1-Type Domain 5, Zinc Finger Protein 216, ZNF216, Zinc Finger A20 Domain-Containing Protein 2, Zinc Finger, A20 Domain Containing 2, ZA20D2, AN1-Type Zinc Finger Protein 5, ZFAND5A, AN1-type zinc finger protein 5, Zinc finger A20 domain-containing protein 2, Zinc finger protein 216.	
Introduction	
Zinc Finger, AN1-Type Domain 5, also known as ZFAND5 is implicated in protein degradation through the ubiquitin-proteasome system. ZFAND5 performs by anchoring ubiquitinated proteins to the proteasome and takes part in ubiquitin-mediated protein degradation during muscle atrophy. Furthemore, ZFAND5 plays a role in the regulation of NF-kappa-B activation as well as apoptosis. ZFAND5 inhibits NF-kappa-B activation as well as tumor necrosis factor (TNF), IL-1 and TLR4-induced NF-kappa-B activation.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
ZFAND5 protein solution (0.5mg/ml) containing 20mM Phosphate buffer saline (pH 8.0), 30% glycerol and 1mM DTT.	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAQETNQ TPGPMLCSTG CGFYGNPRTN GMCSVCYKEH LQRQQNSGRM SPMGTASGSN SPTSDSASVQ RADTSLNNCE GAAGSTSEKS RNVPVAALPV TQQMTEMSIS REDKITTPKT	

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EVSEPVVTQP SPSVSQPSTS QSEEKAPELP KPKKNRCFMC RKKVGLTGFD CRCGNLFCGL HRYSDKHNCP YDYKAEAAAK IRKENPVVVA EKIQRI.

Precautions

ZFAND5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O76080)