

Recombinant Human ZFAND5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ZFAND5-5312H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

ZFAND5 MS Standard C13 and N15-labeled recombinant protein (NP_001095891) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

Involved in protein degradation via the ubiquitin-proteasome system. May act by anchoring ubiquitinated proteins to the proteasome. Plays a role in ubiquitin-mediated protein degradation during muscle atrophy. Plays a role in the regulation of NF-kappa-B activation and apoptosis. Inhibits NF-kappa-B activation triggered by overexpression of RIPK1 and TRAF6 but not of RELA. Inhibits also tumor necrosis factor (TNF), IL-1 and TLR4-induced NF-kappa-B activation in a dose-dependent manner. Overexpression sensitizes cells to TNF-induced apoptosis. Is a potent inhibitory factor for osteoclast differentiation.

Molecular Mass

23.1 kDa

AA Sequence

MAQETNQTPGPMLCSTGCGFYGNPRTNGMCSVCYKEHLQRQQNSGRMSPMGTA
SGSNSPTSDSASVQRADTSLNNCEGAAGSTSEKSRNVVVAALPVTQQMTEMSISRE
DKITTPKTEVSEPVVTQPSPSVSQPSTSQSEEKAPELPKPKKNRCFMCRKKVGLTGF
DCRCGNLFCGLHRYSDKHNCOPYDYKAEAAAKIRKENPVVVAEKIQRITRTRPLEQKLI
SEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ZFAND5 zinc finger AN1-type containing 5 [Homo sapiens (human)]
Official Symbol	ZFAND5
Synonyms	ZFAND5; zinc finger, AN1-type domain 5; ZA20D2, zinc finger protein 216, zinc finger, A20 domain containing 2, ZNF216; AN1-type zinc finger protein 5; ZFAND5A; zinc finger protein 216; zinc finger, A20 domain containing 2; zinc finger A20 domain-containing protein 2; ZA20D2; ZNF216;
Gene ID	7763
mRNA Refseq	NM_001102421
Protein Refseq	NP_001095891
MIM	604761
UniProt ID	O76080

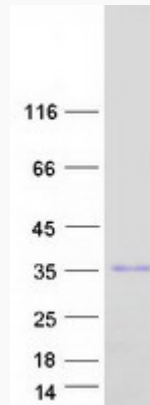
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SDS-PAGE



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