

32-13518: ZFAND5 Human

Alternative Name :

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.

Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

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. Furthermore, 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.

ZFAND5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 236 amino acids (1-213 a.a) and having a molecular mass of 25.5kDa (Molecular size on SDS-PAGE will appear higher). ZFAND5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : ZFAND5 protein solution (0.5mg/ml) containing 20mM Phosphate buffer saline (pH 8.0), 30% glycerol and 1mM DTT.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMQETNQ TPGPMLCSTG CGFYGNPRTN GMCSVCYKEH
LQRQQNSGRM SPMGTASGSN SPTSDSASVQ RADTSLNNCE GAAGSTSEKS RNVPAALPV
TQQMTEMSIS REDKITPKT EVSEPVVTQP SPSVSQPSTS QSEEKAPELP KPKKNRCFMC RKKVGLTGFD
CRCGNLFCGL HRYSDKHNCY DYKAEAAAK IRKENPVVVA EKIQR.