

Datasheet for ABIN7556085
ZC3H12D Protein (AA 1-527) (His tag)



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Overview

Quantity:	1 mg
Target:	ZC3H12D
Protein Characteristics:	AA 1-527
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZC3H12D protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZC3H12D Protein expressed in mammalian cells.
Sequence:	MEHPSKMEFF QKLGVDRELV LRVLGKLGEG ALVNDVLQEL IRTGSRPGAL EHPAAPRLVP RGSCGVPSA QRGPGTALEE DFRTLASSLR PIVIDGSNVA MSHGNKETFS CRGIKLAVDW FRDRGHTYIK VFVPSWRKDP PRADTPIREQ HVLAELERQA VLVYTPSRKV HGKRLVCYDD RYIVKVAYEQ DGVIVSNDNY RDLQSENPEW KWFIEQRLLM FSFVNDRFMP PDDPLGRHGP SLSNFLSRKP KPPEPSWQHC PYGKKCTYGI KCKFYHPERP HHAQLAVADE LRAKTGARPG AGAEERPPR APGGSAGARA APREPFAHSL PPARGSPDLA ALRGSFSRLA FSDDLGLPGP PLVPACSLT PRLGGPDWVS AGGRVPGPLS LPSPESQFSP GDLPPPPGLQ LQPRGEHRPR DLHGDLSPR RPPDDPWARP PRSDRFPGRS VWAEPAWGDG ATGGLSVYAT EDDEGDARAR ARIALYSVFP RDQVDRVMAA FPELSDLARL ILLVQRCQSA GAPLGKP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Product Details

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ZC3H12D

Alternative Name: ZC3H12D ([ZC3H12D Products](#))

Background: Probable ribonuclease ZC3H12D (EC 3.1.-.-) (MCP-induced protein 4) (Transformed follicular lymphoma) (Zinc finger CCCH domain-containing protein 12D) (p34),FUNCTION: May regulate cell growth likely by suppressing RB1 phosphorylation (PubMed:19531561). May function as RNase and regulate the levels of target RNA species (Potential). In association with ZC3H12A enhances the degradation of interleukin IL-6 mRNA level in activated macrophages (PubMed:26134560). Serve as a tumor suppressor in certain leukemia cells (PubMed:17210687). Overexpression inhibits the G1 to S phase progression through suppression of RB1 phosphorylation (PubMed:19531561). {ECO:0000269|PubMed:17210687, ECO:0000269|PubMed:19531561, ECO:0000269|PubMed:26134560, ECO:0000305}.

Molecular Weight: 58.1 kDa

Target Details

UniProt: [A2A288](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months