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Datasheet for ABIN7554089

HIRA Protein (AA 1-1017) (His tag)

Overview

Quantity:	1 mg
Target:	HIRA
Protein Characteristics:	AA 1-1017
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HIRA protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant HIRA Protein expressed in mammalian cells.
Sequence:	MKLLKPTWVN HNGKPIFSVD IHPDGTKFAT GGQGQDSGKV VIWNMSPVLQ EDDEKDENIP KMLCQMDNHL ACVNCVRWSN SGMYLASGGD DKLIMVWKRA TYIGPSTVFG SSGKLANVEQ WRCVSILRNH SGDVMDVAWS PHDAWLASCS VDNTVVIWNA VKFPEILATL RGHSGLVKGL TWDPVGKYIA SQADDRSLKV WRTLWQLET SITKPFDECG GTTHVLRSLW SPDGHYLVSA HAMNNSGPTA QIIEREGWKT NMDFVGHKRA VTVVKFNPKI FKFKKQKNGSS AKPSCPYPCCC AVGSKDRSLS VWLTCLKRPL VVIHELFDKS IMDISWTLNG LGILVCSMDG SVAFLDFSQD ELGDPLSEEE KSRIHQSTYG KSLAIMTEAQ LSTAVIENPE MLKYQRRQQQ QQLDQKSAAT REMGSATVA GVVNGESLED IRKNLLKKQV ETRTADGRRR ITPLCIAQLD TGDFSTAFFN SIPLSGSLAG TMLSSHSPQ LLPLDSSTPN SFGASKPCTE PVVAASARPA GDSVKNDSMN ATSTPAALSP SVLTTPSKIE PMKAFDSRFT ERSKATPGAP ALTSMTPTAV ERLKEQNLVK ELRPRDLLES SSSDSEKVPL AKASSLSKRK LELEVETVEK KKKGRPRKDS RLMPVSLSVQ

Product Details

SPAALTAEKE AMCLSAPALA LKLPIPSQR AFLTQVSSDP SMYIEVENEV TVVGGVKLSR
LKCNRREGKEW ETVLTSRILT AAGSCDVVVCV ACEKRMLSVF STCGRRLLSP ILLPSPISTL
HCTGYSYVMAL TAAATLSVWD VHRQVVVVKE ESLHSILAGS DMTVSQILLT QHGIPVMNLS
DGKAYCFNPS LSTWNLVSDK QDSLAQCADF RSSLPSQDAM LCSGPLAIQ GRTSNSGRQA
ARLFSVPHVV QQETTLAYLE NQVAAALTLQ SSHEYRHWLL VYARYLVNEG FEYRLREICK
DLLGPVHYST GSQWESTVVG LRKRELLKEL LPVIGQNLRF QRLFTECQEQ LDILRDK **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

HIRA

Alternative Name:

HIRA ([HIRA Products](#))

Background:

Protein HIRA (TUP1-like enhancer of split protein 1),FUNCTION: Cooperates with ASF1A to promote replication-independent chromatin assembly. Required for the periodic repression of histone gene transcription during the cell cycle. Required for the formation of senescence-associated heterochromatin foci (SAHF) and efficient senescence-associated cell cycle exit.

Target Details

{ECO:0000269|PubMed:12370293, ECO:0000269|PubMed:14718166, ECO:0000269|PubMed:15621527}.

Molecular Weight: 111.8 kDa

UniProt: [P54198](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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