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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HIRA (Human) Recombinant Protein (P01)

Catalog Number: H00007290-P01

Regulation Status: For research use only (RUO)

Product Description: Human HIRA full-length ORF (NP_003316.3, 1 a.a. - 1017 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKLLKPTWVNHNGKPIFSVDIHPDGTKFATGGQGQDS
GKVVIIWNMSPVLQEDDEKDENIPKMLCQMDNHLACV
NCVRSNSGMYLASGGDDKLMVWKATYIGPSTVF
GSSGKLANVEQWRCVSILRNHSGDVMVAVSPHDA
WLASCSVDNTVVIWNAVVFPEILATLRGHSGLVKGLT
WDPVGKYIASQADDRSLKVVWRTLDWQLETSITKPFDE
CGGTHVLRSLSPDGHYLVSAHAMNNSGPTAQIIER
EGWKTNMDVFGHRKAVTVVKFNPKIFKKKQKNGSSA
KPSCPYPCCAVGSKDRSLSVWLTCLKRPLVVIHELFD
KSIMDISWTLNGLGILVCSMDGSAFLDFSQDELGDPL
SEEEKSRIHQSTYGKSLAIMTEAQLSTAVIENPEMLKY
QRRQQQQQLDQKSAATREMGSAATSVAGVNVGESLE
DIRKNLLKKQVETRTADGRRRITPLCIAQLDTGDFSTAF
FNSIPLSGSLAGTMLSSHSPQLLPLDSSTPNISFGASK
PCTEPVVAASARPAGDSVKNKDSMNATSTPAALSPSVL
TTPSKIEMKAFDSRFTERSKATPGAPALTSMTPTAVE
RLKEQNLVKELRPRDLLESSSDSDEKVPALAKASSLSKR
KLELEVETVEKKKGRPRKDSRLMPVSLSVQSPAALT
AEKEAMCLSAALALCLPIPSQRAFTLQVSSDPSMYI
EVENEVTVVGGVKLSRLKCNREGKEWETVLTSRILTA
AGSCDVVCVACEKRMLSVFSTCGRRLLSPILLPSPIST
LHCTGSYVMALTAATLSVWDVHRQVVVVKEESLHSI
LAGSDMTVSQILLTQHGPVMMNSDQKAYCFNPSLST
WNLVSDKQDSLQCADFRSSLPSQDAMLCGSLAIQ
GRTSNSGRQAARLFSVPHVVQGETTLAYLENQVAAAL
TLQSSHEYRHWLLVYARYLVNEGFEYRLREICKDLLGP
VHYSTGSQWESTVGLRKRKRELLKELLPVIGQNLRFQR
LFTECQEQLDILRDK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 138.2

Interspecies Antigen Sequence: Mouse (96); Rat (96)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications

information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7290

Gene Symbol: HIRA

Gene Alias: DGCR1, TUP1, TUPLE1

Gene Summary: This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucleosomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transcriptionally silent heterochromatin. This gene plays an important role in the formation of the senescence-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficiency syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt normal embryonic development. [provided by RefSeq]