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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SIRT6 (Human) Recombinant Protein (P01)

Catalog Number: H00051548-P01

Regulation Status: For research use only (RUO)

Product Description: Human SIRT6 full-length ORF (AAH28220.1, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSVNYAAGLSPYADKGGKGLPEIFDPPEELERKVVWEL
ARLVWQSSNVVFHTGAGISTASGIPDFRGPVWVWVW
EERGLAPKFDTTFESARPTQTHMALVQLERVGLLRFL
VSQNV DGLHVRSGFPRDKLAELHGNMFVEECAKCKT
QYVRD TVVGTMLKATGRLCTVAKARGLRACRNADL
SITLGTSLQIRPSGNLPLATKRRGGRLVIVNLQPTKHDR
HADLRIHGYVDEVMTRLMKHLGLEIPAWDGPRVLER
LPPLPRPPTPKLEPKEESPTRINGSIPAGPKQEP
CAQH NGSEPASPKRERPTSPAPHRPPKRVKAKAVPS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 62.5

Interspecies Antigen Sequence: Mouse (76); Rat (75)

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: 51548

Gene Symbol: SIRT6

Gene Alias: SIR2L6

Gene Summary: This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class IV of the sirtuin family. [provided by RefSeq]

References:

1. SIRT6 in mouse spermatogenesis is modulated by diet-induced obesity. Palmer NO, Fullston T, Mitchell M, Setchell BP, Lane M. *Reprod Fertil Dev.* 2011 Sep;23(7):929-39.