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32-4850: Recombinant Human Sirtuin-2

Alternative Name : Sirtuin 2,SIR2L2,SIR2-like protein 2,NAD-dependent deacetylase sirtuin-2,Silent Information Regulator 2.

Description

Source : Escherichia Coli. SIRT2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 372 amino acids (1-352a.a.) and having a molecular mass of 41.7kDa.SIRT2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SIRT2 belongs to the sirtuin family of proteins, homologs to the yeast Sir2 protein. Proteins of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes and take part in various processes, including transcriptional regulation, cell cycle progression, DNA-damage repair and aging. SIRT2 is a NAD-dependent deacetylase, which deacetylates the 'Lys-40' of alpha-tubulin.

Product Info

Amount :	5 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The SIRT2 protein solution (0.25mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 2mM DTT, 200mM NaCl, 0.5mM EDTA and 30% glycerol.
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.Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MDFLRNLFSQ TLSLGSQKER LLDELTLEGV ARYMQSERCR RVICLVGAGI STSAGIPDFR SPSTGLYDNL EKYHLPYPEA IFEISYFKKH PEPFFALAKE LYPGQFKPTI CHYFMRLLKD KGLLLRCYTQ NIDTLERIAG LEQEDLVEAH GTFYTSHCVS ASCRHEYPLS WMKEKIFSEV TPKCEDCQSL VKPDIVFFGE SLPARFFSCM QSDFLKVDLL LVMGTSLQVQ PFASLISKAP LSTPRLLINK EKAGQSDPFL GMIMGLGGGM DFDSKKAYRD VAWLGECDQG CLALAELLGW KKELEDLVRR EHASIDAQSG AGVPNPSTSA SPKKSPPPAK DEARTTEREK PQ

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