

Sirtuin 2 Human Recombinant

Item Number	rAP-4803
Synonyms	Sirtuin 2, SIR2L2, SIR2-like protein 2, NAD-dependent deacetylase sirtuin-2, Silent Information Regulator 2.
Description	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.
Uniprot Accesion Number	Q8IXJ6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MDFLRNLFSSQ TSLGSSQKER LLELTLEGV ARYMQSERCR RVICLVGAGI STSAGIPDFR SPSTGLYDNL EKYHLPYPEA IFEISYFKKH PEPFFALAKE LYPGQFKPTI CHYFMRLKLD KGLLLRCYTQ NIDTLERIAG LEQEDLVEAH GTFYTSHCVS ASCRHEYPLS WMKEKIFSEV TPKCEDCQSL VKPDIVFFGE SLPARFFSCM QSDFLKVDLL LVMGTSLQVQ PFASLISKAP LSTPRLINK EKAGQSDPFL GMIMGLGGGM DFDSKKAYRD VAWLGECDQG CLALAE LLGW KKELEDLVRR EHASIDAQSG AGVPNPSTSA SPKKSPPPAK DEARTTEREK PQ
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	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. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**