

Recombinant Human SIRT3 Protein

Catalog #	Source	Reactivity	Applications
CST1164	E. coli	H	
Description	Recombinant Human SIRT3 Protein is produced by E. coli expression system and the target gene encoding Gly121-Glu390 is expressed with N-terminus SUMO & C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	SIRT3		
Alternative Names	SIR2L3; NAD-dependent protein deacetylase sirtuin-3, mitochondrial; hSIRT3; Regulatory protein SIR2 homolog 3; SIR2-like protein 3		
Entrez Gene	23410		
SwissProt	Q9NTG7		
Purity			
Chemical Structure	GKLSLQDVAE LIRARACQRV VVMVGAGIST PSGIPDFRSP GSGLYSNLQQ YDLPYPEAIF ELPFFHNPKE PFTLAKELY PGNYKPNVTH YFLRLLHDKG LLLRLYTQNI DGLERVSGIP ASKLVEAHGT FASATCTVCQ RPPGEGDIRA DVMADRVPRC PVCTGVVKPD IVFFGEPLPQ RFLHVVDFP MADLLLILGT SLEVEPFASL TEAVRSSVPR LLINRDLVGP LA		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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