

Product Data Sheet

Recombinant Human SIRT5 Protein

Catalog #	Source	Reactivity	Applications
CST1719	E. coli	H	
Description	Recombinant Human SIRT5 Protein is produced by E. coli expression system and the target gene encoding Ala41-Ala300 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	SIRT5		
Alternative Names	SIR2L5; NAD-dependent protein deacylase sirtuin-5, mitochondrial; Regulatory protein SIR2 homolog 5; SIR2-like protein 5		
Entrez Gene	23408		
SwissProt	Q9NXA8		
Purity			
Chemical Structure	ADFRKFFAKA KHIVIISGAG VSAESGVPTF RGAGGYWRKW QAQDLATPLA FAHNPSRVWE FYHYRREVMG SKEPNAGHRA IAECETRLGK QGRRVVVITQ NIDELHRKAG TKNLLEIHGS LFKTRCTSCG VVAENYKSPI CPALSGKGAP EPGTQDASIP VEKLPRCEEA GCGGLLRPHV VWFGENLDPA ILEEVDRELA HCDLCLVVG TSSVVYPAAMF APQVAARGVP VA		
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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