

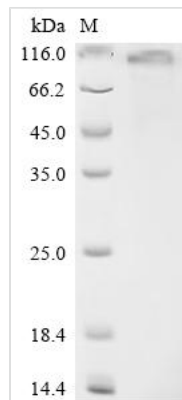


Recombinant Human NAD-dependent protein deacetylase sirtuin-1 (SIRT1)

Product Code	CSB-MP822202HU
Abbreviation	Recombinant Human SIRT1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q96EB6
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Human NAD-dependent protein deacetylase sirtuin-1 (SIRT1)
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	ADEAALALQPGGSPSAAGADREAASSPAGEPLRKPRRRDGPGLERSPGEPG GAAPEREVPA AARGCPGAAAAALWREAEEAAAAGGEQEAQATAAAGEGDN GPGQLQGPSREPPLADNLYDEDDDDDEGE EEEEEAAAAAIGYRDNLLFGDEIITNG FHSCESDEEDRASHASSSDWTPRPRIGPYTFVQQHLMIGTDPRTILKDLLPETI PPPELDDMTLWQIVINILSEPPKRKKRKDINTIEDAVKLLQECKKIIVLTGAGVSV SCGIPDFRSRDGIYARLAVDFPDLDPQAMFDIEYFRKDPRPFKFAKEIYPGQ FQPSLCHKFIALSDKEGKLLRNYTQNI DTLEQVAGIQRIIQCHGSFATASCLICKY KVDCEAVRGDIFNQVVP RCP RCPADEPLAIMKPEIVFFGENLPEQFHRAMKYD KDEVDLLIVIGSSSLKVRPVALIPSSIPHEVPQILINREPLPHLHFDVELLGDCDVIIN ELCHRLGG EYAKLCCNPVKLSEITEKPPRTQKELAYLSELPPTPLHVSEDSSSP ERTSPPDSSVIVTLLDQA AKSNDDLDVSESKGCMEEK PQEVQTSRNVESIAEQ MENPDLKNVGSSTGEKNERTSVAGTVRK CWPNRVAKEQISRRLDGNQYLFLP PNRYIFHGAEVYSDSEDDVLSSSSCGSNSDSGTCQSPSLEEPMEDESEIEEFY NGLEDEPDVPERAGGAGFGTDGDDQE AINEAISVKQEV TDMNYP SNKS
Research Area	Epigenetics and Nuclear Signaling
Source	Mammalian cell
Target Names	SIRT1
Expression Region	2-747aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged



Mol. Weight	83.3 kDa
Protein Length	Full Length of Mature Protein

Image


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
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