

Recombinant Human SIRT2 protein, GST-tagged

Cat. No. SIRT2-4876H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIRT2 protein(1-352 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-352 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MDFLRNLFSSQTLSSLGSQKERLLDELTLEGVARYMQSERCRRVICLVGAGISTSAGIP DFRSPSTGLYDNLEKYHLPYPEAIFEISYFKKHPEPFFALAKELYPGQFKPTICHYFM RLLKDKGLLLRCTQNIIDTLERAGLEQEDLVEAHGTFYTSHCVSASCRHEYPLSWM KEKIFSEVTPKCEDCQSLVKPDIVFFGESLPARFFSCMQSDFLKVDLLLVMGTSLSQV QPFASLISKAPLSTPRLLINKEKAGQSDPFLGMIMGLGGGMDFDSSKAYRDVAWLGE CDQGCLALAEELLGWKKELEDLVRREHASIDAQSGAGVPNPSTSASPKKSPPPAKDE ARTTEREKPQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

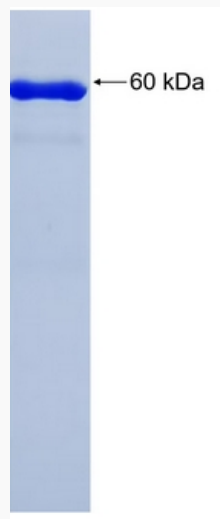
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Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.
GENE INFORMATION	
Gene Name	SIRT2 sirtuin 2 [Homo sapiens]
Official Symbol	SIRT2
Synonyms	SIRT2; sirtuin 2; SIR2L, sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae) , sirtuin (silent mating type information regulation 2, S.cerevisiae, homolog) 2; NAD-dependent deacetylase sirtuin-2; sirtuin type 2; SIR2-like protein 2; sir2-related protein type 2; silent information regulator 2; SIR2; SIR2L; SIR2L2; FLJ35621; FLJ37491;
Gene ID	22933
mRNA Refseq	NM_030593
Protein Refseq	NP_085096
MIM	604480
UniProt ID	Q8IXJ6

SDS-PAGE



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