

Sirtuin 3 (SIRT3) Recombinant Protein | SIRT3 recombinant protein

Recombinant Sirtuin 3 (SIRT3)

CATALOG #	HOST	APPLICATIONS
AAA140913	E Coli	Immunoprecipitation, ELISA, Western Blot, SDS-Page

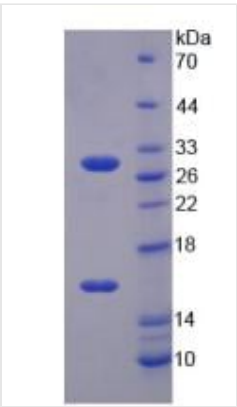
PRODUCT SYNONYMS

Sirtuin 3 (SIRT3); Recombinant Sirtuin 3 (SIRT3); SIRT3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in 100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	GISTPSGIPD FRSPGSGLYS NLQQYDIPYP EAIFELGFFF HNPKPFFMLA KELYPGHYRP NVTHYFLRLL HDKELLRLRY TQNIDGLERA SGIPASKLVE AHGTFVTATC TVCRRSFPGE DIWADVMDR VPRCPVCTGV VKPDIVFFGE QLPARFLLHM ADFALADLLL ILGTSLEVPE FASLSEAVQK SVPRLLINRD LVGPFVLSPR RKDVVQLGDV VHGVRLVDL LGWTQELLDL MQRERGKLDG QDR
Applicable Applications for SIRT3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Residues	Gly5~Arg257
Tags	Two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Cell membrane; Single-pass type II membrane protein.
Endotoxin Level	<1.0EU per 1 ug (determined by the LAL method).
Predicted isoelectric point	6.4
Predicted Molecular Mass	32.3kDa
Accurate Molecular Mass	16&29kDa as determined by SDS-PAGE reducing conditions.
Reconstitution	Reconstitute in ddH ₂ O
Preparation and Storage	Store at 2-8oC for one month. Aliquot and store at -80oC for 12 months.

IMAGES



Sequence

GISTPS	GIPDFRSPGS	GLYSNLQQYD	IPYPEAIFEL	GFFFHNPKPF
FMLAKELYPG	HYRPNVTHYF	LRLLHDKELL	LRLYTONIDG	LERASGIPAS
KLVEAHGTFV	TATCTVCRRS	FPGEDIWADV	MADRVPRCPV	CTGVVKPDIV
FFGEQLPARF	LLHMAFALA	DLLILGTSL	EVEPFASLSE	AVQKSVPRLL
INRDLVGPFV	LSPRRKDVVQ	LGDVVHGVER	LVDLLGWTQE	LLDLMQRERG
KLDGQDR				

SDS-PAGE

ADDITIONAL INFORMATION

References	1. Vassilopoulos A., et al. (2014) Antioxid. Redox Signal. 21:551-564. 2. Finley L.W., et al. (2011) PLoS ONE 6:E23295-E23295. 3. Ahn B.-H., et al. (2008) Proc. Natl. Acad. Sci. U.S.A. 105:14447-14452. 4. Hallows W.C., et al. (2006) Proc. Natl. Acad. Sci. U.S.A. 103:10230-10235.
------------	---

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q8R104
---------------------	--------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sirtuin-3-sirt3-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/140913>