

Product datasheet for **TP790183**

SaCas9 Staphylococcus aureus Recombinant Protein

Product data:

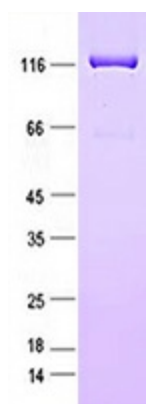
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Staphylococcus aureus SaCas9 containing Simian Virus 40 (SV40) T antigen nuclear localization sequence (NLS) on the N- and C- terminal of the protein, with N-terminal His tag, expressed in E. coli
Species:	Staphylococcus aureus
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MHHHHHHENL YFQGAIAPKK KRKVEDPKKK RKVDMGKRNY ILGLDIGITS VGYGIIDYET RDVIDAGVRL FKEANVENNE GRRSKRGARR LKRRRRRHRIQ RVKLLFDYN LLTDHSELG INPYEARVKG LSQKLSEEF SAALLHLAKR RGVHNVNEVE EDTGNELSTK EQISRNSKAL EEKYVAELQL ERLKKDGEVR GSINRFKTSY YVKEAKQLLQ VQKAYHQLDQ SFIDTYIDLL ETRRTTYEGP GEGSPFGWKD IKEWYEMLMG HCTYFPEELR SVKYAYNADL YNALNDLNNL VITRDENEKL EYEFQIIE NVFKQKKKPT LKQIAKEILV NEEDIKGYRV TSTGKPEFTN LKVYHDIKDI TARKEIENA ELLDQIAKIL TIYQSSEDIQ EELTNLNSL TQEEIEQISN LKGYTGTHNL SLKAINLILD ELWHTNDNQI AIFNRLKLVV KKVDSLQKKE IPTTLVDDFI LSPVVKRSFI QSIKVINAI KKYGLPNDII IELAREKNSK DAQKMINEMQ KRNRTNERI EEIIRTGKE NAKYLIEKIK LHDMQEGKCL YSLEAIPLED LLNPNFNYEV DHIIPRSVSF DNSFNKVLV KQEENSKKGN RTPFQYLSSS DSKISYETFK KHILNLAGK GRISKTKEY LLEERDINRF SVQKDFINRN LVDTRYATRG LMNLLRSYFR VNNLDVKVKS INGGFTSFLR RKWKFKKERN KGYKHAEDA LIANADFIF KEWKKLDKAK KVMENQMFEI KQAESMPEIE TEQEYKEIFI TPHQIKHIK FKDYKYSHRV DKKPNRELIN DTLYSTRKDD KGNTLIVNNL NGLYDKDNDK LKKLINKSPE KLLMYHHPDQ TYQKLKLIME QYGDEKNPLY KYEETGNLY TKYSKKDNGP VIKKIKYYGN KLNALDITD DYPNSRNKVV KLSLKPYPYFD VYLDNGVYKF VTKNLDVIK KENYEVNSK CYEEAKLKK ISNQAEFIAS FYNDLIKIN GELYRVIGVN NDLLNRIEVN MIDITYREYL ENMNDKRPPR IIKTIASKTQ SIKKYSTDIL GNLYEVKSKK HPQIIKGGGS PKKKRKVEDP KKKRKVDTR
Tag:	N-His
Predicted MW:	130.3 kDa



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Concentration:	5uM
Purity:	> 90% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	10 mM Tris-HCl, pH 7.4, 300 mM NaCl, 0.1 mM EDTA, 1 mM DTT, 50% glycerol
Endotoxin:	< 0.5 EU per 1 µg of the protein by the LAL
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -20°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Product images:



Purified recombinant protein SaCas9 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.