

## Product datasheet for **TP790182**

### LwCas13a *Leptotrichia wadei* Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of LwCas13a 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, sterile-filtered, suitable for cell culture
Species:	<i>Leptotrichia wadei</i>
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<p>1 MHHHHHHENL YFQGAIAPKK KRKVEDPKKK RKVDMKVTKV DGISHKKYIE  51 EGKLVKSTSE ENRTSERLSE LLSIRLDIYI KNPDNASEEE NRIRRENLKK  101 FFSNKVLHLK DSVLYLKNRK EKNAVQDKNY SEEDISEYDL KNKNSFSVLK  151 KILLNEDVNS EELEIFRKDV EAKLNKINSL KYSFEENKAN YQKINENNVE  201 KVGKSKRNI IYDYYRESAK RNDYINNVQE AFDKLYKKED IEKLFLLIEN  251 SKKHEKYKIR EYYHKIIGRK NDKENFAKII YEEIQNVNNI KELIEKIPDM  301 SELKKSQVFY KYLDKEELN DKNIKYAFCH FVEIEMSQLL KNYVYKRLSN  351 ISNDKIKRIF EYQNLKKLIE NKLLNKLDY VRNCGKYNNY LQVGEIATSD  401 FIARNRQNEA FLRNIIGVSS VAYFSLRNIL ETENENGITG RMRGKTVKNN  451 KGEELYVSGE VDKIYNENKQ NEVKENLKM FYSYDFNMDNK NEIEDFFANI  501 DEAISSIRHG IVHFNLELEG KDIFAFKNIA PSEISKKMFQ NEINEKLLK  551 KIFKQLNSAN VFNYEKDVI IKYLKNTKFN FVNKNIPFVP SFTKLYNKIE  601 DLRNTLKFVW SVPKDKEEKD AQIYLLKNYI YGEFLNKFVK NSKVFFKITN  651 EVIKINKQRN QKTGHYKYQK FENIEKTPV EYLAIQSRE MINNQDKEEK  701 NTYIDFIQQI FLKGFIDYLN KNNLKYIESN NNNDNNDIFS KIKIKKDNKE  751 KYDKILKNYE KHNRNKEIPH EINEFVREIK LGKILKYTEN LNMFYLLKL  801 LNHKELTNLK GSLEKYQSAN KEETFSDELE LINLLNLDNN RVTEDFELEA  851 NEIGKFLDFN ENKIKDRKEL KKFDTNKIYF DGENIHKHRA FYNIKKYGML  901 NLEKIADKA KYKISLKEK EYSNKKNEIE KNYTMQQLNH RKYARPKKDE  951 KFNDYKEY EKAIGNIQY THLKNKVEFN ELNLLQGLLL KILHRLVGYT  1001 SIWERDLRFR LKGEFPENHY IEEIFNFDNS KNVKYKSGQI VEKYINFYKE  1051 LYKDNVEKRS IYSDKKVKKL KQEKDLYIR NYIAHFNYIP HAEISLLEVL  1101 ENLRKLLSYD RKLKNAIMKS IVDILKEYGF VATFKIGADK KIEIQTLESE  1151 KIVHLKNLKK KKLMTDRNSE ELCELVKVMF EYKALEPKKK RKVEDPKKKR  1201 KVDTR</p>
Tag:	N-His



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<b>Predicted MW:</b>	144.9 kDa
<b>Concentration:</b>	10uM
<b>Purity:</b>	> 90% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	10 mM Tris-HCl, pH 7.4, 300 mM NaCl, 0.1 mM EDTA, 1 mM DTT, 50% glycerol
<b>Endotoxin:</b>	< 0.5 EU per 1 µg of the protein by the LAL
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -20°C after receiving vials.
<b>Stability:</b>	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 LwCas13a was analyzed by SDS-PAGE gel and Coomassie Blue Staining.