

Carbonic Anhydrase IX (CA9) Recombinant Protein | CA9 recombinant protein

Recombinant Carbonic Anhydrase IX (CA9)

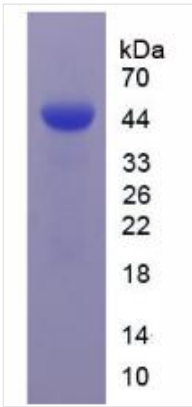
CATALOG # AAA134509	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Carbonic Anhydrase IX (CA9); Recombinant Carbonic Anhydrase IX (CA9); CA9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsesque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEFELR RQ-PLGEEDL PSEEDSPREE DPPGEEDLPG EEDLPGEEDL PEVKPKSEEE GSLKLEDLPT VEAPGDPQEP QNNAHRDKEG DDQSHWRYGG DPPWPRVSPA CAGRFQSPVD IRPQLAAFCP ALRPLELLGF QLPLPELRL RNNGHSVQLT LPPGLEMALG PGREYRALQL HLHWGAAGRP GSEHTVEGHR FPAEIHVVHL STAFARVDEA LGRPGGLAVL AAFLEEGPEE NSAYEQLLSR LEEIAEEGSE TQVPGLDISA LLPSDFSRYF QYEGSLTTPP CAQGVIVTVF NQTVMLSAKQ LHTLSDTLWG PGDSRLQLNF RATQPLNGRV IEASFPAGVD SSPRAAEPVQ LNSCLAAGD
Sequence Length	328
Applicable Applications for CA9 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Pro59~Asp414 (Accession # Q8N6T7) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.



PL GEEDLPSEED SPREEDPPGE EDLPGEEDLP GEEDLPEVKP
KSEEEGSLKL EDLPTVEAPG DPQEPQNNAH RDKEGDDQSH WRVGGDPPWP
RVSPACAGRF QSPVDIRPQL AAFCPALRPL ELLGFQLPPL PELRLRNNGH
SVQLTLPPGL EMALGPGREY RALQLHLHWG AAGRPGSEHT VEGHRFPAEI
HVVHLSTAFR RVDEALGRPG GLAVLAFLF EGPEENSAYE QLLSRLEEIA
EEGSETQVPG LDISALLPSD FSRVYFQYEGS LTTPPCAQGV IWTVFNQTVM
LSAKQLHTLS DTLWGPQDSR LQLNFRATQP LNGRVIEASF PAGVDSSPRA
AEPVQLNSCL AAGD

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	300797597
NCBI GeneID	51548
NCBI Accession #	NP_001180214.1
NCBI GenBank Nucleotide #	NM_001193285.1
UniProt Accession #	Q8N6T7; O75291; Q6IAF5; Q6PK99; Q8NCD2; Q9BSI5; Q9BWP3; Q9NRC7; Q9UQD1; B2RCD0
Molecular Weight	43.3kDa
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-6 isoform 2
NCBI Official Synonym Full Names	sirtuin 6
NCBI Official Symbol	SIRT6
NCBI Official Synonym Symbols	SIR2L6
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-6; sirtuin type 6; SIR2-like protein 6; sir2-related protein type 6; regulatory protein SIR2 homolog 6; NAD-dependent deacetylase sirtuin-6
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-6
UniProt Gene Name	SIRT6
UniProt Synonym Gene Names	SIR2L6
UniProt Entry Name	SIR6_HUMAN

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.