

# Eukaryotic Carbonic Anhydrase IX (CA9) Instruction Manual

## SFPD048Hu61

**Homo sapiens (Human)**

<b>Source</b>	Eukaryotic expression
<b>Host</b>	293F cell
<b>Endotoxin Level</b>	<1.0EU per 1 $\mu$ g (determined by the LAL method)
<b>Subcellular Location</b>	Membrane, Nucleus
<b>Predicted Molecular Mass</b>	40.4kDa
<b>Accurate Molecular Mass</b>	44kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Pro59~Asp414 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	4.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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PL GEEDLPSEED SPREEDPPGE EDLPGEEDLP GEEDLPEVKP
KSEEEGSLKL EDLPTVEAPG DPQEPQNNAH RDKEGDDQSH WRYGGDPPWP
RVSPACAGRF QSPVDIRPQL AAFCPALRPL ELLGFQLPPL PELRLRNNGH
SVQLTLPPGL EMALGPGREY RALQLHLHWG AAGRPGSEHT VEGHRFP AEI
HVVHLSTAF A RVDEALGRPG GLAVLAAFLE EGPEENSAYE QLLSRLEEIA
EEGSETQVPG LDISALLPSD FSRYFQYEGS LTPPCAQGV IWTVFNQTVM
LSAKQLHTLS DTLWGP GDSR LQLNFRATQP LNGRVIEASF PAGVDSSPRA
AEPVQLNSCL AAGD
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## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## STORAGE

