

Pyroglutamic Acid (PCA) Small Molecule | PCA small molecule

OVA Conjugated Pyroglutamic Acid (PCA)

CATALOG #
AAA148296

APPLICATIONS
SDS-Page, ELISA, Western Blot

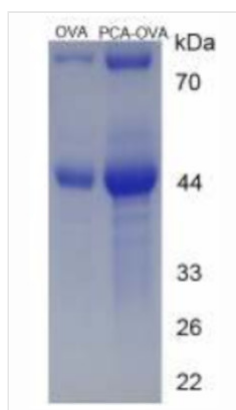
PRODUCT SYNONYMS

Pyroglutamic Acid (PCA); OVA Conjugated Pyroglutamic Acid (PCA); 5-Oxoproline; Pidolic acid; Pyroglutamate; PCA small molecule

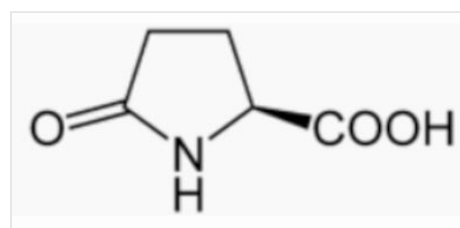
PRODUCT SPECIFICATIONS

Purity/Purification	>90%
Form/Format	Freeze-dried powder; PBS, pH7.4.
Concentration	4.2mg/mL (varies by lot)
Applicable Applications for PCA small molecule	SDS-PAGE, ELISA, WB (Western Blot), Immunogen
Source	Protein Conjugation
Chemical Formula	$C_5H_7NO_3$
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Structure



SDS-PAGE

NCBI AND UNIPROT INFORMATION

Molecular Weight	129.1Da
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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.

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Online datasheet: <https://stage.aaabiotech.com/small-molecule/pyroglutamic-acid-pca/148296>