

Pyroglutamic Acid (PCA) Small Molecule | PCA small molecule

OVA Conjugated Pyroglutamic Acid (PCA)

CATALOG #
AAA148296

APPLICATIONS
SDS-Page, ELISA, Western Blot

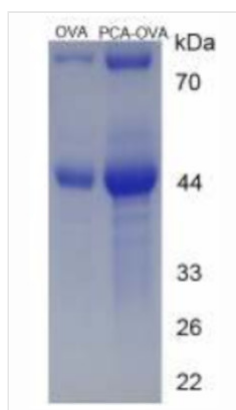
PRODUCT SYNONYMS

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

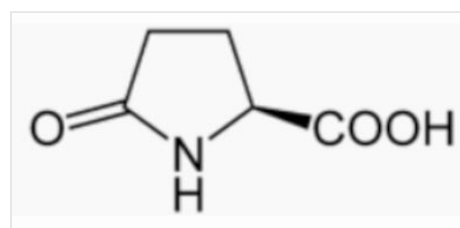
PRODUCT SPECIFICATIONS

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

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://www.aaabiotech.com/small-molecule/pyroglutamic-acid-pca/148296>