

# Recombinant rat PSMA / FOLH1 protein (His tag)

Catalog Number: PDER100085



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

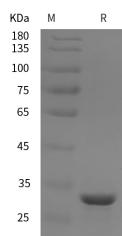
## Description

<b>Synonyms</b>	Glutamate carboxypeptidase 2;Folh1;Folate hydrolase 1;Folylpoly-gamma-glutamate carboxypeptidase (FGCP);Glutamate carboxypeptidase II (GCPII);Membrane glutamate carboxypeptidase (mGCP);N-acetylated-alpha-linked acidic dipeptidase I (NAALADase I)
<b>Species</b>	rat
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Leu 471-Asp 750
<b>Accession</b>	P70627
<b>Calculated Molecular Weight</b>	30.7 kDa
<b>Observed molecular weight</b>	30 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Has both folate hydrolase and N-acetylated-alpha-linked-acidic dipeptidase (NAALADase) activity. Has a preference for tri-alpha-glutamate peptides. In the intestine, required for the uptake of folate. In the brain, modulates excitatory neurotransmission through the hydrolysis of the neuropeptide, N-acetylaspartylglutamate (NAAG), thereby releasing glutamate.

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