

Glutamate Carboxypeptidase II Recombinant Protein | GCPII recombinant protein

Recombinant Glutamate Carboxypeptidase II (GCPII)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145907	E.coli	Mus musculus (Mouse)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Glutamate Carboxypeptidase II; Recombinant Glutamate Carboxypeptidase II (GCPII); FOLH1; PSM; FGCP; FOLH; GCP2; NAALAD1; PSMA; mGCP; NAALADase I; Prostate-specific membrane antigen; Folate Hydrolase 1; Folylpoly-gamma-glutamate carboxypeptidase; GCPII recombinant protein

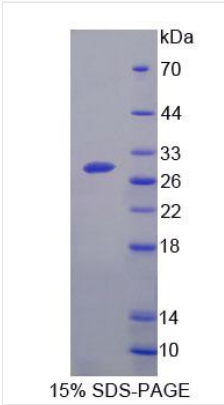
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 350ug/mL (varies by lot)
Applicable Applications for GCPII recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Arg536~Ala752
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	9.1
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.

YPLYHSVYET YELVVKFYDP TFKYHLTVAQ VRGAMVFELA NSIVLPFDCQ
SYAVALKKYA DTIYNISMKH PQEMKAYNIS FDSLFSAVNN FTDVASKFNO
RLQELDKSNP ILLRIMNDQL MYLERAFIDP LGLPGRPFYR HIIYAPSSHN
KYAGESFPGL YDALFDISSK VNASKAMNEV KRQISIATFT VQAAAEFLRE
VA

RARYT KNNKTNKVSS

Gene Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	548615
NCBI GeneID	2346
Molecular Weight	Predicted Molecular Mass: 28.7kDa Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Glutamate carboxypeptidase 2
NCBI Official Synonym Full Names	folate hydrolase (prostate-specific membrane antigen) 1
NCBI Official Symbol	FOLH1
NCBI Official Synonym Symbols	PSM; FGCP; FOLH; GCP2; PSMA; mGCP; GCPII; NAALAD1; NAALAdase
NCBI Protein Information	glutamate carboxypeptidase 2
UniProt Protein Name	Glutamate carboxypeptidase 2
UniProt Gene Name	FOLH1
UniProt Synonym Gene Names	FOLH; NAALAD1; PSM; PSMA; FGCP; GCPII; mGCP; NAALADase I; PSM; PSMA
UniProt Entry Name	FOLH1_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.