

Glutamate Carboxypeptidase II Recombinant Protein | GCPII recombinant protein

Recombinant Glutamate Carboxypeptidase II (GCPII)

CATALOG # AAA144058	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glutamate Carboxypeptidase II; Recombinant Glutamate Carboxypeptidase II (GCPII); GCPII recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Sequence	ANEYAYRRGI AEAVGLPSIP VHPIGYDDAQ KLEKMGSSA PPDSSWRGSL KVPYNVGPFG TGNFSTQKVK MHIHSTNEVT RIYNVIGTLR GAVEPDYVI LGGHRDSWVF GGIDPQSGAA VVHEIVRSFG TLKKEGWRPR RTILFASWDA EEFGLLGSTE WAEENSRLQ ERGVAYINAD SSIEGNYTLR VDCTPLMYSL VHNLTKEKLS PDEGFEGKSL YESWTKKSPS PEFSGMPRIS KLGSNDFEV FFQRLGIASG RARYTKNWET NKFSGYPLYH SVYETYELVE KFYDPMFKYH LTVAQVRGGM VFEL
Applicable Applications for GCPII recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Ala274~Leu587
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	7.3
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 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



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	548615
NCBI GeneID	2346
Molecular Weight	Predicted Molecular Mass: 39.1kDa Accurate Molecular Mass: 39kDa 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.

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Online datasheet: <https://stage.aaabiotech.com/folh1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144058>