



# Recombinant Human Glutamate carboxypeptidase 2 (FOLH1), partial

<b>Product Code</b>	CSB-EP008782HU
<b>Relevance</b>	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-aceylaspartylglutamate (NAAG), thereby releasing glutamate. Isoform PSM-4 and isoform PSM-5 would appear to be physiologically irrelevant. Involved in prostate tumor progression. Also exhibits a dipeptidyl-peptidase IV type activity. In vitro, cleaves Gly-Pro-AMC.
<b>Abbreviation</b>	Recombinant Human FOLH1 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q04609
<b>Alias</b>	Cell growth-inhibiting gene 27 protein;Folate hydrolase 1;Folylpoly-gamma-glutamate carboxypeptidase ;FGCP;Glutamate carboxypeptidase II ;GCPII;Membrane glutamate carboxypeptidase ;mGCPN-acetylated-alpha-linked acidic dipeptidase I ;NAALADase I;Prostate-specific membrane antigen ;PSM ;PSMAP;teroylpoly-gamma-glutamate carboxypeptidase
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	EATNITPKHNMKAFLDELKAENIKKFLYNFTQIPHLAGTEQNFQLAKQIQSQWK EFGLDSVELAHYDVLLSYPNKTHPNYISIIINEDGNEIFNTSLFEP PPPGYENVSDI VPPFSAFSPQGMPEGDLVYVNYARTEDFFKLERDMKINCSGKIVIARYGKVFR GNKVKNAQLAGAKGVILYSDPADYFAPGVKSYPDGWNLPGGGVQRGNILNLN GAGDPLTPGYPANEYAYRRGIAEAVGLPSIPVHPIGYDAQKLLKMGGSAPP DSSWRGSLKVPYNVGPFTGNFSTQVKVMHIHSTNEVTRIYNVIGTLRGAVEP DRYVILGGHRDSWVFGGIDPQSGAAVVHEIVRSFGTLKKEGWRPRRTILFASW DAEEFGLLGSTEWAEENSRLQERGVAYINADSSIEGNYTLRVDCTPLMYSLV HNLTKELKSPDEGFEGKSLYESWTKKSPSPEFSGMPRISKLGSGNDFEVFFQ RLGIASGRARYTKNWETNKFSGYPLYHSVYETYELVEKFYDPMFKYHLTVAQV RGGMV FELANSIVLPFDCRDYAVVLRKYADKIYSISMKHPQEMKTYSVSFDLSL SAVKNFTEIASKFSERLQDFDKSNPIVLRMMNDQLMFLERAFIDPLGLPDRPFY RHVIYAPSSHNKYAGESFPGIYDALFDIESKVDPSKAWGEV KRQIYVA AFTVQA AAETLSEVA
<b>Research Area</b>	Cancer
<b>Source</b>	E.coli

