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32-13690: FOLH1 Human

Format :	FOLH1 protein solution (0.25mg/ml) contains Phosphate buffered saline (pH 7.4) and 20% glycerol.
Alternative Name :	Glutamate carboxypeptidase 2 isoform 1,Cell growth-inhibiting gene 27 protein, Folate hydrolase 1, Folylpolygamma-glutamate carboxypeptidase, Glutamate carboxypeptidase II, Membrane glutamate carboxypeptidase, Nacetylated-alpha-linked acidic dipeptidase I, Prostate-specific membrane antigen, Pteroylpoly-gamma glutamate carboxypeptidase, Folh1, FGCP, FOLH, GCP2, GCPII, mGCP, NAALAD1, NAALAdase, PSM, PSMA

Description

Source:Sf9, Baculovirus cells.
Physical Appearance:Sterile Filtered colorless solution.
Biological Activitynull
FOLH1, also known as glutamate carboxypeptidase 2 (GCPII), is a single pass type 2 membrane protein which belongs to the peptidase M28 family. FOLH1 is highly produced in prostate epithelium. FOLH1 is also found in ovary, live, stomach, small intestine colon, urinary bladder, kidney, testis, and the capillary endothelium of a variety of tumours. Therefore, it plays a role in directed imaging and therapy of recurrent of metastatic disease. FOLH1 is a zinc metalloenzyme that resides in membranes and catalyses the hydrolysis of N-acetylaspartylglutamate to glutamate and N-acetylaspartate.
FOLH1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 717 amino acids (44-750 a.a) and having a molecular mass of 80.7kDa.FOLH1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	10 µg / 2 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPMKSSNEA TNITPKHNMK AFLDELKAEN IKKFLYNFTQ IPHLAGTEQN FQLAKQIQSQ WKEFGLDSVE LAHYDVLLSY PNKTHPNYIS IINEDGNEIF NTSLFEPPPP GYENVSDIVP PFSAFSPQGM PEGDLVYVNY ARTEDFFKLE RDMKINCSGK IVIARYGKVF RGNKVKNAQL AGAKGVILYS DPADYFAPGV KSYPDGWNLP GGGVQRGNIL NLNGAGDPLT PGYPANEYAY RRGIAEAVGL PSIPVHPIGY YDAQKLLEKM GGSAPPDSSW RGSLKVPYNV GPGFTGNFST QKVKMHIHST NEVTRIYNVI GTLRGAVEPD RYVILGGHRD SWVFGGIDPQ SGAAVVHEIV RSFGTLKKEG WRPRRTILFA SWDAEEFGLL GSTEWAEENS RLLQERGVAY INADSSIEGN YTLRVDCTPL MYSLVHNLTK ELKSPDEGFE GKSLYESWTK KSPSPEFSGM PRISKLGSGN DFEVFFQRLG IASGRARYTK NWETNKFSGY PLYHSVYETY ELVEKFYDPM FKYHLTVAQV RGGMVFELAN SIVLPFDCRD YAVVLRKYAD KIYSISMKHP QEMKTYSVSF DSLFSAVKNF TEIASKFSER LQDFDKSNPI VLRMMNDQLM FLERAFIDPL GLPDRPFYRH VIYAPSSHNK YAGESFPGIY DALFDIESKV DPSKAWGEVK RQIYVAAFTV QAAAETLSEV AHHHHHH

For Research Use Only. Not for use in diagnostic/therapeutics procedures.