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32-6747: FOLH1 Mouse

Alternative Name : Folh1, GCP2, mopsm, Glutamate carboxypeptidase 2, Folate hydrolase 1, Folylpoly-gamma-glutamate carboxypeptidase, FGCP, Glutamate carboxypeptidase II, GCPII, Naalad1.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Folate Hydrolase 1 (Folh1) is a single pass type 2 membrane protein which is expressed mainly in prostate epithelium. Folh1 which is a part of the peptidase M28 family and M28B subfamily has both folate hydrolase and N-acetylated-alpha-linked-acidic dipeptidase activity. Folh1 can be found in urinary bladder, kidney, testis, ovary, stomach, small intestine colon, and the capillary endothelium of various tumors. Therefore, Folh1 plays a role in directed imaging and therapy of recurrent of metastatic disease.
FOLH1 Mouse Recombinant produced in in Sf9 Baculovirus cells is a single, non-glycosylated polypeptide chain containing 717 amino acids (45-752a.a) and having a molecular mass of 80.5kDa (Migrates at 70-100kDa on SDS-PAGE under reducing conditions). FOLH1 is fused to a 6 amino acid His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The FOLH1 solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
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 :	ADPKPSNEAT GNVSHSGMKK EFLHELKAEN IKKFLYNFTR TPHLAGTQNN FELAKQIHDQ WKEFGLDLVE LSHYDVLLSY PNKTHPNYIS IINEDGNEIF KTSLSEQPPP GYENISDVVP PYSAFSPQGT PEGDLVYVNY ARTEDFFKLE REMKISCSGK IVIARYGKVF RGNMVKNAQL AGAKGMILYS DPADYFVPAV KSYPDGWNLP GGGVQRGNVL NLNGAGDPLT PGYPANEHAY RHELTNAVGL PSIPVHPIGY DDAQKLLEHM GGPAPPDSSW KGGLKVPYNV GPGFAGNFST QKVKMHIHSY TKVTRIYNVI GTLKGALEPD RYVILGGHRD AWVFGGIDPQ SGAAVVHEIV RSFGTLKKKG RRPRRTILFA SWDAEEFGLL GSTEWAEEHS RLLQERGVAY INADSSIEGN YTLRVDCTPL MYSLVYNLTK ELQSPDEGFE GKSLYDSWKE KSPSPEFIGM PRISKLGSGN DFEVFFQRLG IASGRARYTK NWKTNKVSSY PLYHSVYETY ELVVKFYDPT FKYHLTVAQV RGAMVFELAN SIVLPFDCQS YAVALKKYAD TIYNISMKHP QEMKAYMISF DSLFSAVNNF TDVASKFNQR LQELDKSNPI LLRIMNDQLM YLERAFIDPL GLPGRPFYRH IIYAPSSHNK YAGESFPGIY DALFDISSKV NASKAWNEVK RQISIATFTV QAAAETLREV AHHHHHH.

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