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Folh1, 45-752aa, Mouse, His tag, Baculovirus

产品货号: TP02143

第三版

别名: Glutamate carboxypeptidase 2 isoform 1, Folh1, GCP2, mopsm

描述: Folh1, as known as glutamate carboxypeptidase 2, is a single pass type 2 membrane protein which belongs to the peptidase M28 family and M28B subfamily. This protein is most highly expressed in prostate epithelium. It is detected in urinary bladder, kidney, testis, ovary, liver, stomach, small intestine colon, and the capillary endothelium of a variety of tumors. Thus, it shows a promising role in directed imaging and therapy of recurrent or metastatic disease. Recombinant mouse Folh1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 80.5kDa (717aa); 70-100kDa (SDS-PAGE under reducing conditions)

序列:

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ADPKPSNEATGNVSHSGMKKEFLHELKAENIKKFLYNFTRTPHLAGTQNNFELAKQIHDQWKEFGLDLVELSHYDVLLSY
PNKTHPNYISIIINEDGNEIFKTSLSQPPPGYENISDVVPPYSAFSPQGTPEGDLVYVNYARTEDFFKLEREMKISCSGKIVIA
YGKVFVRGNMVKNAQLAGAKGMILYSDPADYFVPAVKSYPDGWNLPGGGVQRGVNLNLGAGDPLTPGYANEHAYR
HELTNAVGLPSIPVHPIGYDDAQKLEHMGGPAPPDSSWKGLKVPYVVGPGFAGNFSTQKVKMHIHSYTKVTRIYNVI
GTLKGALEPDRYVILGGHRDAWVFGGIDPQSGAAVVHEIVRSFGTLKKKRRRPRRILFASWDAEEFLLGSTEWAEEHSR
LLQERGVAYINADSSIEGNYTLRVDCTPLMYSLVYNLTKELQSPDEGFEGKSLYDSWKEKSPSEFIGMPRISKLGSGNDFEV
FFQRLGIASGRARYTKNWKTNKVSSPLYHSVYETYELVVKFYDPTFKYHLTVAQVRGAMVFEANSIVLPFDCQSYAVAL
KKYADTIYNISMKHPQEMKAYMISFDSLFSAVNNFTDVASKFNQRLQELDKSNPILLRIMNDQLMYLERAFIDPLGLPGRPF
YRHIIYAPSSHNKYAGESFPGIYDALFDISSKVNASKAWNEVKRQISIAFTTVQAAAETLREVAHHHHHHH
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纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 °C 保存 (1-2 周). 长期保存在 -20 °C 或者 -70 °C. 避免反复冻融.