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FUCA2, 29-467aa Human, His tag, E.coli

产品货号: TP02161

第三版

别名: Plasma alpha-L-fucosidase, Fucosidase, alpha-L- 2, plasma, dJ20N2.5, RP1-20N2.5

描述: FUCA2 is a plasma alpha-L-fucosidase, which represents 10-20% of the total cellular fucosidase activity. This protein is a member of the glycosyl hydrolase 29 family, and catalyzes the hydrolysis of the alpha-1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins. FUCA2 is essential for Helicobacter pylori adhesion to human gastric cancer cells. Recombinant human FUCA2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid, In 20mM phosphate (pH8.0) containing 10% glycerol

分子量: 53.3 kDa (462aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSHSATRFDPTWESLDARQLPAWFDQAKFGIFIHWGVFSVPSFGSEWFWWYWQKEK  
IPKYVEFMKDNYPSPFKYEDFGPLFTAKFFNANQWADIFQASGAKYIVLTSKHHEGFTLWGSEYSWNWNAIDEGPKRDIV  
KELEVAI RNRTDLRFGLYYSLFEWFHPLFLEDESSSFHKRQFPVSKTLP ELYELVNNYQPEVLWSDGDGGAPDQYWNSTGFL  
AWLYNESPV RGT VVTNDRWGAGSICKHGGFYTCSDRYNPGHLLPHKWENCMTIDKLSWGYRREAGISDYLTIEELVKQL  
VETVSCGGNLLMNIGPTLDGTISVVFEERLRQMGSWLKVNGEAIYETHWRSQNDTVTPDVWYTSKPKEKLVYAIFLKW  
PTSGQLFLGHPKAILGATEVKLLGHGQPLNWISELQNGIMVELPQLTIHQMPCKKGWALALTNVI
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纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

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.