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FUCA1, 28-466aa, Human, His tag, Insect cell

产品货号: TP02160

第三版

别名:FUCA

**描述:**FUCA1, also known as tissue alpha-L-fucosidase, is responsible for hydrolyzing the alpha-1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins. Fucosidosis is an autosomal recessive lysosomal storage disease resulting from absence of alpha-L-fucosidase activity. Recombinant human FUCA1, 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:**51.7kDa (445aa) 50-70KDa (SDS-PAGE under reducing conditions.)

**序列:**

VRRAQPPRRYTPDWPSLDSRPLPAWFDEAKFGVFIHWGVFVSPAWGSEFWFHHWQGEGRPQYQRFMRDNYPPGFSYA  
DFGPQFTARFFHPEEWADLFQAAGAKYVVLTKHHEGFTNWSPVSWNWNKDVGPDRDLVGELGTALRKRNIYGLY  
HSLLEWFHPLYLLDKKNGFKTQHFSVAKTMEPLYDLVNSYKPDLIWSDGEWECPTYWNSTNFLSWLYNDSPVKDEVVV  
NDRWGQNCSCHHGGYNCEDKFKPQSLPDHKWEMCTSIDKFSWGYRRDMALSDVTEESEIISELVQTVSLGGNYLLNIG  
PTKDGLIVPIFQERLLAVGKWSINGEAIYASKPWRVQWEKNTTSVWYTSKGSVYAIFLHWPENGLNLESPITSTTKIT  
MLGIQGDLDKWSTDPDKGLFISLPQLPPSAVPAEFAWTIKLTGVKHHHHHHH

**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.