

## 32-2332: FUCA2 Recombinant Protein

**Alternative Name :** Fucosidase, alpha-L- 2,plasma,dJ20N2.5,RP1-20N2.5,Plasma alpha-L-fucosidase,Alpha-L-fucoside fucohydrolase 2,Alpha-L-fucosidase 2,PSEC0151,UNQ227/PRO260.

### Description

Source : Escherichia Coli. FUCA2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 462 amino acids (29-467 a.a) and having a molecular mass of 53.3kDa.FUCA2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Fucosidase Alpha-L- 2 Plasma (FUCA2) is a plasma alpha-L-fucosidase, which represents 10-20% of the total cellular fucosidase activity. FUCA2 protein belongs to the glycosyl hydrolase 29 family, and catalyzes the hydrolysis of the alpha-1,6-linked fucose fused to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins. FUCA2 is crucial for Helicobacter pylori adhesion to human gastric cancer cells.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** FUCA2 protein solution (1mg/ml) containing 20mM phosphate (pH8.0) 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 :** MGSSHHHHHH SSSLVPRGSH MGSHSATRFD PTWESLDARQ LPAWFDQAKF GIFIHGWFVS  
VPSFGSEWFW WYWQKEKIPK YVEFMKDNYP PSFKYEDFGP LFTAKFFNAN QWADIFQASG AKYIVLTSKH  
HEGFTLWGSE YSWNWNNAIDE GPKRDIVKEL EVAIRNRTDL RFGLYSLFE WFHPLFLEDE SSSFHKRQFP  
VSKTLPELYE LVNNYQPEVL WSDGDGGAPD QYWNSTGFLA WLYNESPVRG TVVTNDRWGA  
GSICKHGGFY TCSDRYNPGH LLPHKWENCM TIDKLSWGYR REAGISDYLT IEELVKQLVE TVSCGGNLLM  
NIGPTLDGTI SVVFEERLRQ MGSWLKVNGE AIYETHTWRS QNDTVTPDVW YTSKPKEKLV YAIFLKWPTS  
GQLFLGHPKA ILGATEVKLL GHGQPLNWIS LEQNGIMVEL PQLTIHQMPC KWGWALALTN VI.

