

Recombinant Full Length Human FUCA2 Protein

Cat. No. FUCA2-173HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FUCA2 with N-terminal proprietary tag. Predicted MW 77.44 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	467 amino acids
Description	This gene encodes a plasma alpha-L-fucosidase, which represents 10-20% of the total cellular fucosidase activity. The 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. This enzyme is essential for Helicobacter pylori adhesion to human gastric cancer cells.
Form	Liquid
Molecular Mass	77.440kDa inclusive of tags
AA Sequence	MRPQELPRLAFPLLLLLLLLLPPPPCPAHSATRFDPTWES LDARQLPAWFDQAKFGI FIHWGVFSVPSFGSEWFWYWQK EKIPKYVEFMKDNYPSPSKYEDFGPLFTAKFF NANQWADI FQASGAKYIVLTSKHHEGFTLWGSEYSWNWNAIDEGPKRD IVKELEV AIRNRTDLRFGLYYSLEWFWHPLFLEDESSSFH KRQFPVSKTLPELYELVNNYQPEV LWSDGDGGAPDQYWNS TGFLAWLYNESPVVRGTVVTNDRWGAGSICKHGGFYTC

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SDR YNPGHLLPHKWENCMTIDKLSWGYRREAGISDYLTIEELV KQLVETVSCGGNL
LMNIGPTLDGTISVVFEERLRQVGSWL KVNGEAIYETYTWRSQNDTVTPDVWYTSK
PKEKLVYAIFL KWPTSGQLFLGHPKAILGATEVKLLGHGQPLNWISLEQNG IMVELP
QLTIHQMPCKWGWALALTNVI

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name FUCA2 fucosidase, alpha-L- 2, plasma [Homo sapiens]

Official Symbol FUCA2

Synonyms FUCA2; fucosidase, alpha-L- 2, plasma; plasma alpha-L-fucosidase; dJ20N2.5; MGC1314

Gene ID 2519

mRNA Refseq NM_032020

Protein Refseq NP_114409

MIM 136820

UniProt ID Q9BTY2

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