Recombinant Human FUCA2 Protein, GST-tagged

Cat. No. FUCA2-4545H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FUCA2 full-length ORF (AAH03060.1, 1 a.a. - 467 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Aug 2010]
Molecular Mass	80.5 kDa
AA Sequence	MRPQELPRLAFPLLLLLLLLLPPPPCPAHSATRFDPTWESLDARQLPAWFDQAKFGI FIHWGVFSVPSFGSEWFWWYWQKEKIPKYVEFMKDNYPPSFKYEDFGPLFTAKFF NANQWADIFQASGAKYIVLTSKHHEGFTLWGSEYSWNWNAIDEGPKRDIVKELEVAI RNRTDLRFGLYYSLFEWFHPLFLEDESSSFHKRQFPVSKTLPELYELVNNYQPEVL WSDGDGGAPDQYWNSTGFLAWLYNESPVRGTVVTNDRWGAGSICKHGGFYTCSD RYNPGHLLPHKWENCMTIDKLSWGYRREAGISDYLTIEELVKQLVETVSCGGNLLM NIGPTLDGTISVVFEERLRQVGSWLKVNGEAIYETYTWRSQNDTVTPDVWYTSKPK EKLVYAIFLKWPTSGQLFLGHPKAILGATEVKLLGHGQPLNWISLEQNGIMVELPQLTI

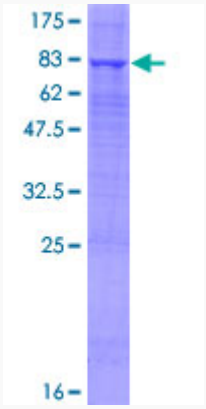
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	HQMPCKWGWALALTNVI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; alpha-L-fucosidase 2; alpha-L-fucoside fucohydrolase 2; RP1-20N2.5;
Gene ID	2519
mRNA Refseq	NM_032020
Protein Refseq	NP_114409
MIM	136820
UniProt ID	Q9BTY2

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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