

# Recombinant Full Length Human FUCA1 Protein, GST-tagged

**Cat. No.** FUCA1-5133HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FUCA1 full-length ORF ( AAH17338, 23 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	23-461 amino acids
<b>Description</b>	Alpha-L-fucosidase (EC 3.2.1.51) is a lysosomal enzyme involved in the degradation of fucose-containing glycoproteins and glycolipids (Occhiodoro et al., 1989 [PubMed 2803312]). At least 2 separate polymorphic alpha-L-fucosidases are recognized in man: that in tissues, FUCA1, which is deficient in fucosidosis (MIM 230000), and that in plasma, FUCA2 (MIM 136820).[supplied by OMIM
<b>Molecular Mass</b>	74.03 kDa
<b>AA Sequence</b>	<pre> VRRQQPPRRYTPDWPSLDSRPLPAWFDEAKFGVFIHWGVFSVPAWGSEWFWWH WQGEGRPQYQRFMRDNYPPGFSYADFGPQFTARFFHPEEWADLFQAAGAKYVVL TTKHHEGFTNWPSVSWNWNKDVGPHRDLVGELGTALRKRNIRYGLYHSLLEWF HPLYLLDKKNGFKTQHFVSAKTMPELYDLVNSYKPDLIWSDGEWECPTYWNSTNF LSWLYNDSPVKDEVVVNDRWGQNCSCHHGGYNCEDKFKPQSLPDHKWEMCTSI DKFSWGYRRDMALSDVTEESEIISELVQTVSLGGNYLLNIGPTKDGLIVPIFQERLLAV GKWLSINGEAIYASKPWRVQWEKNTTSVWYTSKGSAYVAIFLHWPENGVNLNLESPIT TSTTKITMLGIQGD LKWSTDPDKGLFISLPQLPPSAVPAEFAWTIKLTGVK </pre>

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

<b>Gene Name</b>	FUCA1 fucosidase, alpha-L- 1, tissue [ Homo sapiens ]
<b>Official Symbol</b>	FUCA1
<b>Synonyms</b>	FUCA1; fucosidase, alpha-L- 1, tissue; tissue alpha-L-fucosidase; alpha-L-fucosidase 1; alpha-L-fucosidase I; alpha-L-fucoside fucohydrolase 1; FUCA;
<b>Gene ID</b>	2517
<b>mRNA Refseq</b>	NM_000147
<b>Protein Refseq</b>	NP_000138
<b>MIM</b>	612280
<b>UniProt ID</b>	P04066

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA