



# Recombinant Human Tissue alpha-L-fucosidase (FUCA1)

<b>Product Code</b>	CSB-MP009062HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P04066
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>QPPRRYTPD WPSLDSRPLP AWFDEAKFGV FIHWGVFSVP          AWGSEWFWWH WQGEGRPQYQ RFMRDNYPPG FSYADFGPQF          TARFFHPEEW ADLFQAAGAK YVVLTTKHHE GFTNWSPVVS          WNWNSKDVGP HRDLVGELGT ALRKRNIYRG LYHSLLEWFH PLYLLDKKNG          FKTQHFVSAK TPELYDLVN SYKPDLIWSD GEWECPTYW NSTNFLSWLY          NDSPVKDEVV VNRWGWQNCN CHHGGYYNCE DKFKPQSLPD          HKWEMCTSID KFSWGYRRDM ALSDVTEESE IISELVQTVS LGGNYLLNIG          PTKDGLIVPI FQERLLAVGK WLSINGEAIY ASKPWRVQWE KNTTSVWYTS          KGSAYVAIFL HWPENGVNLN ESPITTSTTK ITMLGIQGDG KWSTDPDKGL          FISLPQLPPS AVPAEFAWTI KLTGVK</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	FUCA1
<b>Protein Names</b>	Recommended name: Tissue alpha-L-fucosidase EC= 3.2.1.51 Alternative name(s): Alpha-L-fucosidase I Alpha-L-fucoside fucohydrolase 1 Short name= Alpha-L-fucosidase 1
<b>Expression Region</b>	32-466
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.