

Tissue alpha-L-Fucosidase Protein, Mouse (His-SUMO)

Cat. No.:	HY-P71621
Synonyms:	Fuca1; FucaTissue alpha-L-fucosidase; EC 3.2.1.51; Alpha-L-fucosidase I; Alpha-L-fucoside fucohydrolase 1; Alpha-L-fucosidase 1
Species:	Mouse
Source:	E. coli
Accession:	Q99LJ1 (18L-452N)
Gene ID:	71665
Molecular Weight:	Approximately 66.6 kDa

PROPERTIES

AA Sequence	<pre> L A P R R F T P D W Q S L D S R P L P S W F D E A K F G V F V H W G V F S V P A W G S E W F W W H W Q G D R M P A Y Q R F M T E N Y P P G F S Y A D F A P Q F T A R F F H P D Q W A E L F Q A A G A K Y V V L T T K H H E G F T N W P S P V S W N W N S K D V G P H R D L V G E L G A A V R K R N I R Y G L Y H S L L E W F H P L Y L L D K K N G F K T Q H F V R A K T M P E L Y D L V N S Y K P D L I W S D G E W E C P D T Y W N S T S F L A W L Y N D S P V K D E V I V N D R W G Q N C S C H H G G Y Y N C Q D K Y K P Q S L P D H K W E M C T S M D R A S W G Y R K D M T M S T I A K E N E I I E E L V Q T V S L G G N Y L L N I G P T K D G L I V P I F Q E R L L A V G K W L Q I N G E A I Y A S K P W R V Q S E K N K T V V W Y T T K N A T V Y A T F L Y W P E N G I V N L K S P K T T S A T K I T M L G L E G D L S W T Q D P L E G V L I S L P Q L P P T V L P V E F A W T L K L T K V N </pre>
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

Tissue alpha-L-fucosidase, as an enzymatic entity, plays a crucial role in the hydrolysis of alpha-1,6-linked fucose residues attached to the reducing-end N-acetylglucosamine within the carbohydrate moieties of glycoproteins.

Caution: Product has not been fully validated for medical applications. For research use only.

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