

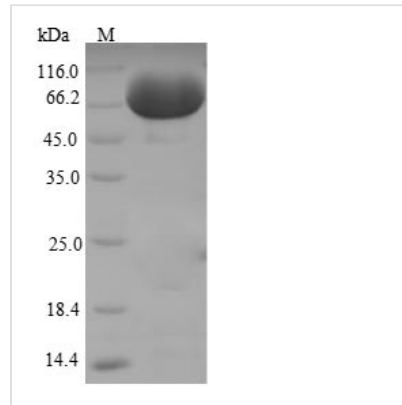


Recombinant Mouse Tissue alpha-L-fucosidase (Fuca1)

Product Code	CSB-EP858759MO
Relevance	Alpha-L-fucosidase is responsible for hydrolyzing the alpha-1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins.
Abbreviation	Recombinant Mouse Fuca1 protein
Storage	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.
Uniprot No.	Q99LJ1
Alias	Alpha-L-fucosidase I Alpha-L-fucoside fucohydrolase 1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	LAPRRFTPDWQSLDSRPLPSWFDEAKFGVVFVHWGVFSVPAWGSEWFWWH WQGDRMPAYQRFMTENYPPGFSYADFAPQFTARFFHPDQWAELFQAAGAK YVVLTTKHHGFTNWPSPVSWNWNKDVGPHRDLVGELGAAVRKRNRIRYGL YHSLLEWFHPLYLLDKKNGFKTQHFVRAKTMPELYDLVNSYKPDLIWSDGEW ECPDTYWNSTSFLAWLYNDSPVKDEVIVNDRWGQNCSCHHGGYYNCQDKYK PQSLPDHKWEMCTSMRASWGYRKDMTMTIAKENEIIIEELVQTVSLGGNYL LNIGPTKDGLIVPIFQERLLAVGKWLQINGEAIYASKPWRVQSEKNKTVVWYTT KNATVYATFLYWPENGIVNLKSPKTTSATKITMLGLEGLDLSWTQDPLEGLVLI PQLPPTVLPVEFAWTLKLTQVN
Research Area	Signal Transduction
Source	E.coli
Target Names	Fuca1
Protein Names	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
Expression Region	18-452aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	66.6kDa
Protein Length	Full Length of Mature Protein



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

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.

Shelf Life

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.