

Fucosidase Alpha L1, Tissue (FUCa1) Recombinant Protein | FUCa1 recombinant protein

Recombinant Fucosidase Alpha L1, Tissue (FUCa1)

CATALOG # AAA135586	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Fucosidase Alpha L1; Tissue (FUCa1); Recombinant Fucosidase Alpha L1; FUCa1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-NG FKTQHFVRK TMPELYDLVN SYKPDLIWSD GEWECPTYW NSTSFLAWLY NDSPVKDEVI VNDRWGQNCS CHHGYYNCQ DKYKPQSLPD HKWEMCTSM RASWGYRKDM TMSTIAKENE IIEELVQTVS LGGNYLLNIG PTKDGLIVPI FQERLLAVGK WLQINGEAIY ASKPWRVQSE KNKTVVWYTT KNATVYATFL YWPENGIVNL KSPKTTSATK ITMLGLEDDL SWTQDPLEGV LISLPQLPPT VLPVEFAWTL K
Sequence Length	452
Applicable Applications for FUCa1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Asn185~Lys447 (Accession # Q99LJ1) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Lysosome
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.3
Reconstitution	Reconstitute in sterile ddH ₂ O.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	169808427
NCBI GeneID	71665
NCBI Accession #	NP_077205.3
NCBI GenBank Nucleotide #	NM_024243.4
UniProt Accession #	Q99LJ1; Q3UAH8; Q8BN13; Q9DD22; B1AV51
Molecular Weight	34.0kDa
NCBI Official Full Name	tissue alpha-L-fucosidase
NCBI Official Synonym Full Names	fucosidase, alpha-L- 1, tissue
NCBI Official Symbol	Fuca1
NCBI Official Synonym Symbols	Afuc; Fuca; 0610006A03Rik; 9530055J05Rik
NCBI Protein Information	tissue alpha-L-fucosidase; alpha-L-fucosidase 1; alpha-L-fucosidase I; fucosidase, alpha-L-1, tissue; alpha-L-fucoside fucohydrolase 1
UniProt Protein Name	Tissue alpha-L-fucosidase
UniProt Gene Name	Fuca1
UniProt Synonym Gene Names	Fuca; Alpha-L-fucosidase 1
UniProt Entry Name	FUCO_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fuca1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135586>