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32-6748: FUCA1 Human

Alternative Name : Fucosidase, Alpha-L- 1, Tissue, Alpha-L-Fucoside Fucohydrolase 1, Alpha-L-Fucosidase 1, Alpha-L-Fucosidase I, EC 3.2.1.51, Tissue Alpha-L-Fucosidase, EC 3.2.1, FUCA, Tissue alpha-L-fucosidase.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Fucosidase Alpha-L- 1 Plasma, also known as FUCA1 is a member of the glycosyl hydrolase 29 family which is responsible for hydrolyzing the alpha-1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins. Fucosidosis is an autosomal recessive lysosomal storage disease caused by the absence of alpha-L-fucosidase activity.
FUCA1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 445 amino acids (28-466a.a.) and having a molecular mass of 51.7kDa.Â (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).Â

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	FUCA1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	VRRAQPPRRY TPDWPSLDSR PLPAWFDEAK FGVFIHWGVF SVPAWGSEWF WWHWQGEGRP QYQRFMRDNY PPGFSYADFG PQFTARFFHP EEWADLFQAA GAKYVVLTTK HHEGFTNWPS PVSWNWNSKD VGPHRDLVGE LGTALRKRNI RYGLYHSLLE WFHPLYLLDK KNGFKTQHFV SAKTMPELYD LVNSYKPDLI WSDGEWECPD TYWNSTNFLS WLYNDSPVKD EVVVNDRWGQ NCSCHHGGYY NCEDKFKPQS LPDHKWEMCT SIDKFSWGYR RDMALSDVTE ESEIISELVQ TVSLGGNYLL NIGPTKDGLI VPIFQERLLA VGKWLSINGE AIYASKPWRV QWEKNTTSVW YTSKGSAVYA IFLHWPENGV LNLESPITTS TTKITMLGIQ GDLKWSTDPD KGLFISLPQL PPSAVPAEFA WTIKLTGVKH HHHHH.

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