



Recombinant Human Plasma alpha-L-Fucosidase (a.a. 29-465) [GST] (DAGC039)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding the Homo sapiens (Human) Plasma alpha-L-fucosidase, was expressed in the hosts and tags indicated.
Species	Human
Purity	Greater than 90% as determined by SDS-PAGE.
Conjugate	GST
Applications	Please contact us for application specific information
Format	Liquid
Size	10 µg, 50 µg, 100 µg, 200 µg, 500 µg, 1 mg
Buffer	Tris-based buffer, 50% glycerol
Preservative	None
Storage	Store at -20°C to -80°C.

BACKGROUND

Introduction	FuCA2 is a plasma alpha-L-fucosidase, which represents 10-20% of the total cellular fucosidase activity. This protein is a member of the glycosyl hydrolase 29 family, and catalyzes the hydrolysis of the alpha-1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins. FuCA2 is essential for Helicobacter pylori adhesion to human gastric cancer cells.
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Keywords

AFU; alpha-L-fucosidase; FuCA2; FUCA

GENE INFORMATION

Protein Refseq

HSATRFDPTW ESLDARQLPA WFDQAKFGIF IHWGVFSVPS FGSEFWWWYW
QKEKIPKYVE FMKDNYPSPF KYEDFGPLFT AKFFNANQWA DIFQASGAKY IVLTSKHHEG
FTLWGSEYSW NWNAIDEGPK RDIVKELEVA IRNRTDLRFG LYYSLEWFH PLFLEDESS
FHKRQFPVSK TLPELYELVN NYQPEVLWSD GDGGAPDQYW NSTGFLAWLY
NESPVRGTVV TNDRWGAGSI CKHGGFYTCS DRYNPGHLLP HKWENCMTID
KLSWGYRREA GISDYLTIEE LVKQLVETVS CGGNLLMNIG PTLDGTISVV FEERLRQMGS
WLKVNGEAIY ETHWRSQND TVTPDVWYTS KPKEKLVYAI FLKWPTSGQL FLGHPKAILG
ATEVKLLGHG QPLNWISLEQ NGIMVELPQL TIHQMPCKWG WALALTN
