



Recombinant Human Plasma alpha-L-Fucosidase (a.a. 29-467) [His] (DAGC038)

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

PRODUCT INFORMATION

Product Overview	Recombinant protein corresponding to aa29-467 from human FuCA2, fused to His-tag at N-terminus, expressed in E.coli.
Species	Human
Purity	~85% (SDS-PAGE)
Conjugate	His
Applications	Suitable for use in SDS-PAGE. Other applications not tested.
Molecular Weight	~53.3kD
Format	Liquid
Concentration	~1mg/ml
Size	0.1 mg, 0.5 mg
Buffer	20mM phosphate, pH 8.0, 10% glycerol.
Preservative	None
Storage	May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

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.

Keywords	AFU; alpha-L-fucosidase; FuCA2; FUCA
-----------------	--------------------------------------
