

Product datasheet for **AR51722PU-S**

Alpha-L-fucosidase 2 / FUCA2 (29-467, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Alpha-L-fucosidase 2 / FUCA2 (29-467, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSHSATRFD</u> PTWESLDARQ LPAWFDQAKF GIFIHGWVFS VPSFGSEWFW WYWQKEKIPK YVEFMKDNYP PSFKYEDFGP LFTAKFFNAN QWADIFQASG AKYIVLTSKH HEGFTLWGSE YSWNWNNAIDE GPKRDIVKEL EVAIRNRTDL RFLYSLFE WFHPLFEDE SSSFHKRQFP VSKTLPELYE LVNNYQPEVL WSDGDGGAPD QYWNSTGFLA WLYNESPVRG TVTNDRWGA GSICKHGGFY TCSDRYNPGH LLPHKWENCM TIDKLSWGYR REAGISDYLT IEELVKQLVE TVSCGGNLLM NIGPTLDGTI SVFEERLRQ MGSWLKVNGE AIYETHTWRS QNDTVTPDVW YTSKPKEKLV YAIFLKWPTS GQLFLGHPKA ILGATEVKLL GHGQPLNWIS LEQNGIMVEL PQLTIHQMPC KWGWALALTN VI
Tag:	His-tag
Predicted MW:	53.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM phosphate (pH 8.0) containing 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human FUCA2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_114409</u>
Locus ID:	2519
UniProt ID:	<u>Q9BTY2</u>
Cytogenetics:	6q24.2



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Synonyms: dj20N2.5

Summary: This gene encodes a plasma alpha-L-fucosidase, which represents 10-20% of the total cellular fucosidase activity. The 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. This enzyme is essential for *Helicobacter pylori* adhesion to human gastric cancer cells. [provided by RefSeq, Aug 2010]

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Other glycan degradation

Product images:

