Recombinant Campylobacter pylori Urease subunit alpha

Catalog No: #AP72891

Package Size: #AP72891-1 20ug #AP72891-2 100ug #AP72891-3 1mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Campylobacter pylori Urease subunit alpha
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-238aaSequence Info:Full Length
Other Names	Urea amidohydrolase subunit alpha
Accession No.	P14916
Uniprot	P14916
GeneID	900171;
Calculated MW	28.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MKLTPKELDKLMLHYAGELAKKRKEKGIKLNYVEAVALISAHIMEEARAGKKTAAELMQEGRTLLKPDDVMDG VASMIHEVGIEAMFPDGTKLVTVHTPIEANGKLVPGELFLKNEDITINEGKKAVSVKVKNVGDRPVQIGSHFHFF EVNRCLDFDREKTFGKRLDIASGTAVRFEPGEEKSVELIDIGGNRRIFGFNALVDRQADNESKKIALHRAKERG FHGAKSDDNYVKTIKE
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Ammonia produced by ureolysis increases the gastric pH thereby providing an environment permissive for colonization of the stomach.

References

Identification of the urease operon in Helicobacter pylori and its control by mRNA decay in response to pH.Akada J.K., Shirai M., Takeuchi H., Tsuda M., Nakazawa T.Mol. Microbiol. 36:1071-1084(2000)Research Topic:Others

Note: This product is for in vitro research use only