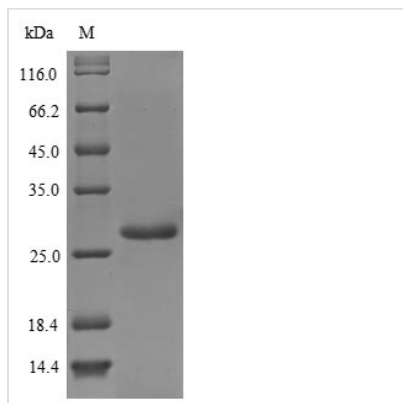




Recombinant Helicobacter pylori Urease subunit alpha (ureA)

Product Code	CSB-YP320452HUV
Relevance	Ammonia produced by ureolysis increases the gastric pH thereby providing an environment permissive for colonization of the stomach.
Abbreviation	Recombinant Helicobacter pylori ureA protein
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.
Uniprot No.	P14916
Alias	Urea amidohydrolase subunit alpha
Product Type	Recombinant Protein
Immunogen Species	Helicobacter pylori (strain ATCC 700392 / 26695) (Campylobacter pylori)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MKLTPKELDKLMLHYAGELAKKRKEKGIKLNHYVEAVALISAHIMEEARAGKKTA AELMQEGRTLLKPDDVMDGVASMIHEVGIEAMFPDGTKLVTVHTPIEANGKLV PGELFLKNEDITINEGKKAVSVKVKNVGDRPVQIGSHFHFEEVNRCLDFDREKT FGKRLDIASGTAVRFEPGEEKSVELIDIGGNRRIFGFNALVDRQADNESKKIALH RAKERGFHGAKSDDNYVKTIKE
Research Area	Others
Source	Yeast
Target Names	ureA
Protein Names	Recommended name: Urease subunit alpha EC= 3.5.1.5 Alternative name(s): Urea amidohydrolase subunit alpha
Expression Region	1-238aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	28.5kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.