

Recombinant Helicobacter Pylori UREA Protein (1-238 aa), His-tagged

Cat. No. UREA-1579H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Helicobacter Pylori (strain ATCC 700392/26695) (Campylobacter pylori) UREA Protein (1-238 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Helicobacter Pylori
Source	Yeast
ProteinLength	1-238 aa
Description	Ammonia produced by ureolysis increases the gastric pH thereby providing an environment permissive for colonization of the stomach.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	28.5 kDa
AA Sequence	MKLTPELDKMLHYAGELAKKRKEKGIKLNVEAVALISAHIMEEARAGKKTAAELM QEGRTLKLPDDVMDGVASMIHEVGIEAMFPDGTKLVTVHTPIEANGKLVPGELFLKN EDITINEGKKAVSVKVKNVGDRPVQIGSHFHFEEVNRCLDFDREKTFGKRLDIASGTA VRFEPGEEKSVELIDIGGNRRIFGFNALVDRQADNESKKIALHRAKERGFHGAKSDD NYVKTIKE
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Synonyms	ureA; Urea amidohydrolase subunit alpha;
UniProt ID	P14916

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