

Recombinant Helicobacter Pylori UREB Protein (1-569 aa), His-tagged

Cat. No. UREB-1269H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Helicobacter Pylori (strain ATCC 700392/26695) (Campylobacter pylori) UREB Protein (1-569 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Helicobacter Pylori
Source	E.coli
ProteinLength	1-569 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	65.7 kDa
AA Sequence	MKKISRKEYVSMYGPTTGDKVRLGDTDLIAEVEHDYTIYGEELKFGGGKTLREGMSQ SNNPSKEELDLITNALIVDYTGIIYKADIGIKDGKIAGIGKGGNKDMQDGVKNNLSVGP ATEALAGEGLIVTAGGIDTHIHFISSPQQIPTAFASGVTTMIGGGTGPADGTNATTITPG RRNLKWMLRAAEEYSMNLGFLAKGNASNDASLADQIEAGAIGFKIHEDWGTTTPSAIN HALDVADKYDVQVAIHDTLNEAGCVEDTMAAIAGRMTHTFHTEGAGGGHAPDIIKV AGEHNILPASTNPTIPFTVNTEAEHMDMLMVCHHLDKSIKEDVQFADSRIRPQTIAAE DTLHDMGIFSITSSDSQAMGRVGEVITRTWQTADKNKKEFGRLKEEKGDNDNFRIKR

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YLSKYTINPAIAHGISEYVGSVEVGKVADLVWSPAFFGVKPNMIIKGGFIALSQMGD
ANASITPQPVYYREMFAHHGKAKYDANITFVSQAAYDKGIKEELGLERQVLPVKNC
RNITKKDMQFNDTTAHIEVNPETYHVFVDGKEVTSKPANKVSLAQLFSIF

Purity > 90% as determined by SDS-PAGE.

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. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [ureB urease subunit beta \[Helicobacter pylori 26695 \]](#)

Official Symbol [UREB](#)

Synonyms ureB; Urea amidohydrolase subunit beta;

Gene ID [899104](#)

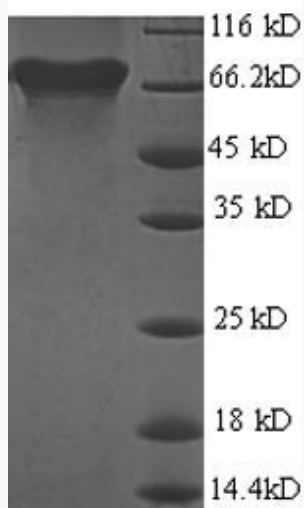
Protein Refseq [NP_206872](#)

UniProt ID [P69996](#)

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

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