

Recombinant Helicobacter Pylori GLTX1 Protein (1-463 aa), His-SUMO-tagged

Cat. No. GLTX1-865H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Helicobacter Pylori (strain ATCC 700392/26695) GLTX1 Protein (1-463 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Helicobacter Pylori
Source	E.coli
ProteinLength	1-463 aa
Description	Catalyzes the attachment of glutamate to tRNA(Glu) in a two-step reaction: glutamate is first activated by ATP to form Glu-AMP and then transferred to the acceptor end of tRNA(Glu).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	69.4 kDa
AA Sequence	MSLIVTRFAPSPTGYLHIGGLRTAIFNYLFARANQGKFFLRIEDTDLRSNSIEAANAIIIE AFKWVGLEYDGEILYQSKRFEIYKEYIQKLLDEDKAYCYMSKEELDALREEQKARK ETPRYDNRYRDFKGTTPKGIPEVVRIKVPQNEVIGFNDGVKGEVKVNTNELDDFIAR SDGTPTYNFVVTIDDALMGITDVI R GDDHLSNTPKQIVLYKALNFKIPNFFHVPMILNE EGQKLSKRHGATNVMDYQEMGYLKEALVNFLARLGWSYQDKEVFSMQELLELFDP KDLNSSPSCFSWHKLNWLNAHYLKNQSVQELLKLLKPFSFSDLSHLNPTQLDRLLDA

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LKERSQTLKELALKIDEVLIAPVEYEEKVFKKLNQALVMPLLEKFKLELNKANFNDESA
LENAMRQIIIEEEKIKAGSFMQPLRLALLGKGGGIGLKEALFILGKTESVKRIEDFLKN

Purity > 90% as determined by SDS-PAGE.

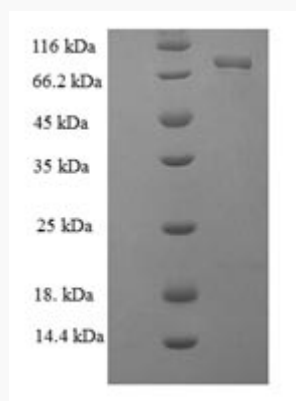
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID [P96551](#)



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

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