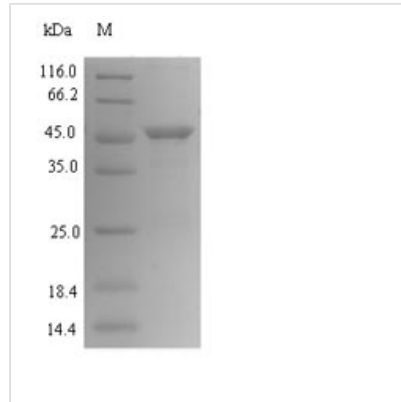




Recombinant Helicobacter pylori Vacuolating cytotoxin autotransporter (vacA), partial

Product Code	CSB-EP669657HUS
Relevance	Induces vacuolation of eukaryotic cells. Causes ulceration and gastric lesions.
Abbreviation	Recombinant Helicobacter pylori vacA protein, partial
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.	Q48253
Alias	Cleaved into the following 2 chains: Vacuolating cytotoxin Vacuolating cytotoxin translocator
Product Type	Recombinant Protein
Immunogen Species	Helicobacter pylori (Campylobacter pylori)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	KYEKPTNVWANAIGGTSLNNGSNASLYGTSAGVDAYLNGEVEAIVGGFGSYG YSSFSNQANSLNSGANNTNFGVYSRIFANQHEFDFAQAGALGSDQSSLNFKS ALLQDLNQSYHYLAYSATTRASYGYDFAFFRNALVLKPSVGVSYNHLGSTNFK SNSNQVALSNGSSSQHLFNANANVEARYYYGDTSYFYMNAGVLQEFARFGS NNAVSLNTFKVNATRNLNTHARVMMGGELQLAKEVFLNLGVVYLHNLISNAS HFASNLGMRYSF
Research Area	Microbiology
Source	E.coli
Target Names	vacA
Expression Region	1038-1310aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	45.7kDa
Protein Length	Partial
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.