

Recombinant Helicobacter pylori Vacuolating cytotoxin autotransporter(vacA),partial

Catalog No: #AP71090

Package Size: #AP71090-1 20ug #AP71090-2 100ug #AP71090-3 1mg

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Description

Product Name	Recombinant Helicobacter pylori Vacuolating cytotoxin autotransporter(vacA),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1018-1290aaSequence Info:Partial
Accession No.	P55981
Calculated MW	43.6 kDa
Tag Info	N-terminal 6xHis-B2M-tagged
Target Sequence	KYEKPTNVWANAIGGTSLNNGGNASLYGTSGVDAYLNGEVEAIVGGFGSGYSSFNQANSLNSGANNTN FGVYSRIFANQHEFDFAEQGALGSDQSSLNFKSALLRDLNQSYNYLAYSAAATRASGYGDFAFFRNALVLKPSV GVSYNHLGSTNFKSNSNQVALKNGSSSQHLFNASANVEARYYYGDTSYFYMNAGVLQEFANFGSSNAVSLN TFKVNAAHNPLSTHARVMMGGELKLAKEVFLNLGFVYLHNLISNIGHFASNLGMRYSF
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Induces vacuolation of eukaryotic cells. Causes ulceration and gastric lesions.

References

The complete genome sequence of the gastric pathogen Helicobacter pylori.Tomb J.-F., White O., Kerlavage A.R., Clayton R.A., Sutton G.G., Fleischmann R.D., Ketchum K.A., Klenk H.-P., Gill S.R., Dougherty B.A., Nelson K.E., Quackenbush J., Zhou L., Kirkness E.F., Peterson S.N., Loftus B.J., Richardson D.L., Dodson R.J., Khalak H.G., Glodek A., McKenney K., FitzGerald L.M., Lee N., Adams M.D., Hickey E.K., Berg D.E., Gocayne J.D., Utterback T.R., Peterson J.D., Kelley J.M., Cotton M.D., Weidman J.F., Fujii C., Bowman C., Watthey L., Wallin E., Hayes W.S., Borodovsky M., Karp P.D., Smith H.O., Fraser C.M., Venter J.C.Nature 388:539-547(1997)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.