Recombinant Mycobacterium tuberculosis Peptidoglycan-binding protein ArfA

Catalog No: #AP72949

Package Size: #AP72949-1 20ug #AP72949-2 100ug #AP72949-3 500ug

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Mycobacterium tuberculosis Peptidoglycan-binding protein ArfA
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-326aaSequence Info:Full Length
Other Names	Outer membrane porin A Outer membrane protein A Short name: OmpATb Outer membrane protein ArfA
Accession No.	P9WIU4
Uniprot	P9WIU4
Calculated MW	35.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MASKAGLGQTPATTDARRTQKFYRGSPGRPWLIGAVVIPLLIAAIGYGAFERPQSVTGPTGVLPTLTPTSTRGA SALSLSLLSISRSGNTVTLIGDFPDEAAKAALMTALNGLLAPGVNVIDQIHVDPVVRSLDFSSAEPVFTASVPIPD FGLKVERDTVTLTGTAPSSEHKDAVKRAATSTWPDMKIVNNIEVTGQAPPGPPASGPCADLQSAINAVTGGPI AFGNDGASLIPADYEILNRVADKLKACPDARVTINGYTDNTGSEGINIPLSAQRAKIVADYLVARGVAGDHIATV GLGSVNPIASNATPEGRAKNRRVEIVVN
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

Probably plays a role in ammonia secretion that neutralizes the medium at pH 5.5, although it does not play a direct role in ammonia transport.

References

"Whole-genome comparison of Mycobacterium tuberculosis clinical and laboratory strains."Fleischmann R.D., Alland D., Eisen J.A., Carpenter L., White O., Peterson J.D., DeBoy R.T., Dodson R.J., Gwinn M.L., Haft D.H., Hickey E.K., Kolonay J.F., Nelson W.C., Umayam L.A., Ermolaeva M.D., Salzberg S.L., Delcher A., Utterback T.R. Fraser C.M.J. Bacteriol. 184:5479-5490(2002) Research Topic:Others

Note: This product is for in vitro research use only