

Recombinant Mycobacterium tuberculosis MPT51,MPB51 antigen(mpt51)

Catalog No: #AP71171

Package Size: #AP71171-1 20ug #AP71171-2 100ug #AP71171-3 1mg

Description

Product Name	Recombinant Mycobacterium tuberculosis MPT51,MPB51 antigen(mpt51)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-299aaSequence Info:Full Length of Mature Protein
Accession No.	P9WQN6
Calculated MW	44.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AEPTAKAAPYENLMVSPSPMGRDIPVAFLAGGPHAVYLLDAFNAGPDVSNWVTAGNAMNTLAGKGISVVAPAGGAYSMYTNWEQDGSQWDTFLSAELPDWLAANRGLAPGGHAAVGAAQGGYGAMALAAFHPDRFGFAGSMGFLYPSNTTTNGAIAAGMQQFGGVDNMGWGWAPQLGRWKWHDPPVWVHASLLAQNNTRVWVWSPTNPGASDPAAMIGQAAEAMGNSRMFYNQYRSVGGHNGHFDPPASGDNGWGSWAPQLGAMSGDIVGAIR
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

May have a role in host tissue attachment, whereby ligands may include the serum protein fibronectin and small sugars.

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 and is not intended for use in humans or animals.