

# Recombinant Mycobacterium tuberculosis Low molecular weight antigen MTB12

Catalog No: #AP72991

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)

Package Size: #AP72991-1 20ug #AP72991-2 100ug #AP72991-3 1mg

Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Mycobacterium tuberculosis Low molecular weight antigen MTB12
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:49-168aaSequence Info:Full Length
Other Names	CFP-2 Low molecular weight protein antigen 2
Accession No.	P9WIN6
Uniprot	P9WIN6
Calculated MW	14.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DPASAPDVPTAAQLTSLNLSLADPNVSVFANKGSLVEGGIGGTEARIADHKLKAAEHGDLPLSFSVTNIQPAAA GSATADVSVSGPKLSSPVTQNVTFVNQGGWMLSRASAMELLQAAGN
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 play a role in the development of protective immune responses.

## 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