

Recombinant Mycobacterium tuberculosis 6 kDa early secretory antigenic target

Catalog No: #AP72967

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Package Size: #AP72967-1 20ug #AP72967-2 100ug #AP72967-3 1mg

Description

Product Name	Recombinant Mycobacterium tuberculosis 6 kDa early secretory antigenic target
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:6-95aaSequence Info:Partial
Other Names	ESAT-6
Accession No.	P9WNK7
Uniprot	P9WNK7
GeneID	886209;
Calculated MW	11.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	WNFAGIEAAASAIQGNVTSIHSLLEDEGKQSLTKLAAAWGGSGSEAYQGQVQKWDATATELNNALQNLARTISE AGQAMASTEAGNVTGMFA
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

Not known. Elicits high level of IFN-gamma from mory effector cells during the first phase of a protective immune response.

References

Mutually dependent secretion of proteins required for mycobacterial virulence.Fortune S.M., Jaeger A., Sarracino D.A., Chase M.R., Sassetti C.M., Sherman D.R., Bloom B.R., Rubin E.J.Proc. Natl. Acad. Sci. U.S.A. 102:10676-10681(2005)Research Topic:Others

Note: This product is for in vitro research use only