

Recombinant Mycobacterium Tuberculosis ESXA Protein (6-95 aa), His-tagged

Cat. No. ESXA-1613M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mycobacterium Tuberculosis (strain ATCC 25618/H37Rv) ESXA Protein (6-95 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Mycobacterium Tuberculosis
Source	Yeast
ProteinLength	6-95 aa
Description	Not known. Elicits high level of IFN-gamma from mory effector cells during the first phase of a protective immune response.
Form	Tris-based buffer,50% glycerol
Molecular Mass	11.3 kDa
AA Sequence	WNFAGIEAAASAIQGNVTSIHSLLEDEGKQSLTKLAAAWGGSGSEAYQGVQKWDAT ATELNALQNLARTISEAGQAMASTEAGNVTGMFA
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
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Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
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GENE INFORMATION

Gene Name	esxA ESAT-6 protein EsxA [Mycobacterium tuberculosis H37Rv]
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Official Symbol	ESXA
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Synonyms	esat-6;
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Gene ID	886209
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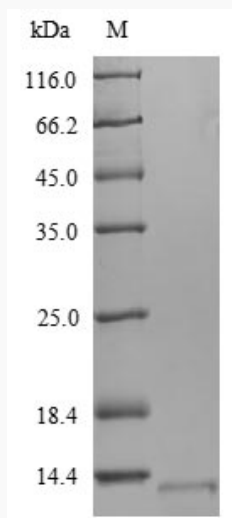
Protein Refseq	YP_178023
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UniProt ID	P9WVK7
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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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