

EsxB recombinant protein

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CATALOG # AAA224562	HOST Mycobacterium tuberculosis	APPLICATIONS ELISA
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PRODUCT SYNONYMS

EsxB; EsxB protein; ESAT-6-like protein; cfp10 protein; lhp protein; mtsA10 protein; Rv3874 protein; MT3988 protein; MTV027.09 protein; 10 kDa culture filtrate antigen CFP-10 protein; Secreted antigenic protein MTSA-10 protein; EsxB recombinant protein

PRODUCT SPECIFICATIONS

Host	Mycobacterium tuberculosis
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in 10mM Tris-HCl, pH 7.4 with 50% glycerol.
Concentration	6.0 mg/ml (varies by lot)
Sequence Length	100
Applicable Applications for EsxB recombinant protein	ELISA
Protein Type	Recombinant
Biological Significance	EsxB is a 10 kDa secreted antigen from Mycobacterium tuberculosis. It forms a 1:1 heterodimeric complex with ESAT-6. Both genes are expressed from the RD1 region of the bacterial genome and play a key role in the virulence of the infection.
Biohazard	Use standard laboratory precautions when handling this material.
Expression System	E Coli
Preparation and Storage	Upon receipt aliquot and store at -20 degree C or below. Avoid repeated freeze/thaw cycles

ADDITIONAL INFORMATION

Related Product Information for EsxB recombinant protein	Recombinant EsxB protein
Product Categories/Family for EsxB recombinant protein	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	795063900
Molecular Weight	10,903 Da
NCBI Official Full Name	EsxB
UniProt Protein Name	EsxB
UniProt Gene Name	esxB
UniProt Entry Name	A0A0F4ESY4_9MYCO

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/esxb-recombinant-protein-mycobacterium-tuberculosis-elisa/224562>