

6 kDa early secretory antigenic target EsxA (ESAT-6)

Product Details

Size	50ug
Species	<i>Mycobacterium tuberculosis</i>
Published Species	<i>Mycobacterium tuberculosis</i>
Expression System	<i>Pichia pastoris</i>
Amino acid sequence	MTEQQWNFAGIEAAASAIQGNVTSIHSLLDDEGKQSLTKLAAAWGGSGSEA YQGVQQKWDATATELNNALQNLARTISEAGQAMASTEGNVTGMFA
Molecular weight	9.9 kDa
Class	Recombinant
Type	Protein
Purity	98% by SDS-PAGE gel and HPLC analyses.
Endotoxin concentration	<1 EU/μg
Activity	
Conjugate	Unconjugated
Form	Lyophilized
Purification	HPLC, SDS-PAGE
Contains	no preservative
Storage conditions	-20°C

Product Specific Information

ESAT-6 is a 9.9 kDa globular protein consisting of 95 amino acid residues.

1046 References

Proteomics (2)

Mol Cell Proteomics.(2011 Dec;10(12):M111.011627.
doi: 10.1074/mcp.M111.011445.Epub 2011 Oct 3.)

Year

2011

Proteogenomic analysis of Mycobacterium

Species

tuberculosis by high resolution mass spectrometry

H37Rv

Authors:Dhanashree S Kelkar 1 , Dhirendra Kumar, Praveen Kumar, Lavanya Balakrishnan, Babylakshmi Muthusamy, Amit Kumar Yadav, Priyanka Shrivastava, Arivusudar Marimuthu, Sridhar Anand, Hema Sundaram, Reena Kingsbury, H C Harsha, Bipin Nair, T S Keshava Prasad, Devendra Singh Chauhan, Kiran Katoch, Vishwa Mohan Katoch, Prahlad Kumar, Raghothama Chaerkady, Srinivasan Ramachandran, Debasis Dash, Akhilesh Pandey

BMC Microbiol. (2010 Apr 29;10:132. doi: 10.1186/1471-2180-10-132.)

Year

2010

**Definition of novel cell envelope associated proteins
in Triton X-114 extracts of Mycobacterium
tuberculosis H37Rv**

Species

H37Rv

Authors:Hiwa Målen 1, Sharad Pathak, Tina Søfteland, Gustavo A de Souza, Harald G Wiker

Immunology (1)

BMC Med Genomics.(2008 May 28;1:18. doi: 10.1186/1755-8794-1-18.)

Year

2011

**Whole genome identification of Mycobacterium
tuberculosis vaccine candidates by comprehensive
data mining and bioinformatic analyses**

Species

H37Rv

Authors:Anat Zvi 1, Naomi Ariel, John Fulkerson, Jerald C Sadoff, Avigdor Shafferman

View more Proteomics references on <https://mycobrowser.epfl.ch/genes/Rv3875>

More applications with references on <https://mycobrowser.epfl.ch/genes/Rv3875>

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