

## Data Sheet

<b>PRODUCT NAME</b>	<i>M. tuberculosis</i> ESAT6 (Rv3875)
<b>REPOSITORY REFERENCE</b>	#100010
<b>DESCRIPTION</b>	6 kDa early secretory antigen ESAT6 of <i>M. tuberculosis</i>
<b>EXPRESSION SYSTEM</b>	<i>E.Coli</i>
<b>PRESENTATION</b>	100 µg lyophilised
<b>CHARACTERISATION</b>	
Protein concentration determined by a Bradford-assay using BSA as reference protein. Expected protein size (SDS-PAGE + CBB). Western blotting with anti-HIS antibody pairs. Residual endotoxin levels (< 50 IU/mg). Potential non-specific inhibitory properties ( <i>false negatives</i> ) and non-specific stimulatory properties ( <i>false positives</i> ): Protein batches were subjected to a sensitive <i>in vitro</i> lymphocyte stimulation test (LST), and assayed for possible inhibition of PHA responses and for non-specific T cell stimulation using PBMC from PPD negative healthy bloodbank donors.	
<b>PURIFICATION METHOD</b>	Adapted from Franken <i>et al.</i> (2000) <i>Protein Expr. Purif.</i> 18: 95–99
<b>STORAGE</b>	-20°C
<b>CONTRIBUTOR</b>	Leiden University Medical Centre, Albinusdreef 2, 2333ZA Leiden, The Netherlands.

### **ACKNOWLEDGEMENTS**

Publications should acknowledge the contributor and the Centre for AIDS Reagents. Acknowledgments should read: "The *Name of Reagent (Repository Number)* was obtained from the Centre for AIDS Reagents, NIBSC, UK, supported by EURIPRED (EC FP7 INFRASTRUCTURES-2012 - INFRA-2012-1.1.5.: Grant Number 31266). [www.euripred.eu/](http://www.euripred.eu/)