

Data Sheet

PRODUCT NAME	<i>M. tuberculosis</i> Rv1733
REPOSITORY REFERENCE	#100014
DESCRIPTION	Probable conserved transmembrane protein of <i>M. tuberculosis</i>
EXPRESSION SYSTEM	<i>E. Coli</i>
PRESENTATION	100 µg lyophilised
CHARACTERISATION	
	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. Low expression due to trans-membrane regions (Some higher background). 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.
PURIFICATION METHOD	Adapted from Franken <i>et al.</i> (2000) <i>Protein Expr. Purif.</i> 18: 95–99
STORAGE	-20°C
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