

**Product:** Mycobacterium tuberculosis Heat Shock Protein 65, recombinant  
**Catalog #:** 12-3020  
**Amount:** 5 µg

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**SOURCE:** *Escherichia coli* Expression System  
**MOLECULAR WEIGHT:** 65 kDa (rMTHSP-65)  
**PURITY:** Greater than 95.0% as determined by:  
(a) Analysis by RP-HPLC.  
(c) Analysis by reducing and non-reducing SDS-PAGE  
Coomassie staining  
**FORM:** Purified, in 10mM sodium phosphate buffer pH 7.4, 130mM  
sodium chloride and 2.5mM KCl, containing 0.1% BSA,  
sterile filtered  
**PROTEIN CONTENT:** Protein quantitation was carried out by two independent methods:  
- UV spectroscopy at 280 nm.  
- Analysis by RP-HPLC, using a calibrated solution of rMTHSP-65 as  
a Reference Standard  
**ENDOTOXIN:** < 0.1 ng/µg (IEU/µg) of rMTHSP-65  
**DIMERS & AGGREGATES:** < 1% as determined by silver-stained SDS-PAGE gel analysis  
**CONCENTRATION:** 0.1 mg/ml  
**STORAGE:** -18°C (aliquot), avoid repeated freeze-thaw cycles

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