

Product: Mycobacterium tuberculosis Heat Shock Protein 70, recombinant
Catalog #: 12-3020-1
Amount: 5 µg

SOURCE: *Escherichia coli* Expression System
MOLECULAR WEIGHT: 70 kDa (rMTHSP-70)
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-70 as
a Reference Standard
ENDOTOXIN: < 0.1 ng/µg (IEU/µg) of rMTHSP-70
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

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.