

Product: Heat Shock Protein 22, human, recombinant
Catalog #: 12-3019-1
Amount: 5 µg

SOURCE: *Escherichia coli* Expression System
MOLECULAR WEIGHT: 22 kDa (rHuHSP-22)
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 20 mM Tris/acetate pH 7.6, 10mM sodium chloride,
0.1mM EDTA, 0.1mM PMSF and 15 mM A-mercaptoethanol,
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 rHuHSP-22 as
a Reference Standard
ENDOTOXIN: < 0.1 ng/µg (IEU/µg) of rHuHSP-22
DIMERS & AGGREGATES: < 1% as determined by silver-stained SDS-PAGE gel analysis
CONCENTRATION: 0.1 mg/ml
IMMUNOLOGICAL ACTIVITY: Immunoreactivity is confirmed by reaction with monoclonal mouse
antibodies against rHuHSP22
STORAGE: -20°C (aliquot), avoid repeated freeze-thaw cycles

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