

Recombinant Human Hsp20

ORDERING INFORMATION

Catalog nos.: 11132P-2 2ug
11132P-10 10ug
11132P-100 100ug

Format: Produced in *E. coli*. Lyophilized from sterile-filtered 20mM Tris-acetate buffer, pH 7.6, 10mM NaCl, 0.1mM EDTA, 0.1mM PMSF, and 15mM β -mercaptoethanol. Purified by proprietary chromatographic techniques.

BACKGROUND

Hsp20 is a mammalian heat shock protein that is abundant in skeletal muscle and heart. The Hsp20 family is characterized by the presence of a conserved C-terminal domain of approx. 100 residues and contains a beta-sandwich fold consisting of 8 strands in 2 beta-sheets in a "Greek key" conformation. Hsp20 proteins form dimers, through a disulfide linkage formed by an N-terminal cysteine.

SPECIFICATION SUMMARY

Source: *Escherichia coli*

Purity: Greater than 95% as determined by SDS-PAGE.

STORAGE AND STABILITY

Although stable at 10°C for 2 weeks, should be stored desiccated below -18°C. Addition of a carrier protein (such as 0.1% HAS or BSA) is recommended for long-term storage. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not intended for therapeutic or diagnostic procedures.