

Recombinant Human Hsp20

ORDERING INFORMATION

Catalog Number	Size
11132P-2	2ug
11132P-10	10ug
11132P-100	100ug

Formulation: White powder 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

Store at or below -20°C. For long term storage, addition of a carrier protein (0.1% HSA or BSA) is recommended.

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