

Recombinant Yeast Hsp12p

Cat. No. HSP12-2136Y **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Yeast
Source	E.coli
Description	sHsps have some structural features in common: Very characteristic is a homologous and highly conserved amino acid sequence, the so-called α -crystallin-domain at the C-terminus. These sequences consist of 80 to 100 residues with a homology between 20% and 60% and form β -sheets, which are important for the formation of stable dimers.
Source/Host	E. coli.
Purity	$\geq 99\%$.
Formulation	Liquid. In 40mM HEPES, pH 7.4, containing 50mM NaCl, 1mM EDTA and 1mM DTE.
Concentration	0.9mg/ml.
Short Term Storage	+4°C.
Long Term Storage	-80°C.
Handling	For maximum product recovery after thawing, centrifuge the vial before opening the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

cap. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name HSP12 Hsp12p [*Saccharomyces cerevisiae*]

Synonyms Hsp12p; HSP12; GLP1; HOR5; Plasma membrane localized protein that protects membranes from desiccation; induced by heat shock, oxidative stress, osmostress, stationary phase entry, glucose depletion, oleate and alcohol; regulated by the HOG and Ras-Pka pathways

Gene ID 850532

Protein Refseq NP_116640

Chromosome Location VI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA