Recombinant Human HSF2 Protein (His Tag)

Catalog Number: PKSH032521



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms Heat Shock Factor Protein 2;HSF 2;Heat Shock Transcription Factor 2;HSTF

2;HSF2;HSTF2

Species Human
Expression Host E.coli

Sequence Ser411-Ser536

Accession Q03933
Calculated Molecular Weight 15.9 kDa
Observed molecular weight 26 kDa
Tag N-His

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.
 Formulation Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 1mM

DTT, pH 7.2.

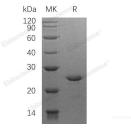
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the pr

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Heat Shock Factor Protein 2 (HSF2) belongs to the HSF family of transcription factors that bind specifically to the heat-shock promoter element and activate transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked. HSF2 is widely expressed in many cells and tissues. HSF2 is located on Cytoplasmic during normal growth. But when it is activited, HSF2 moves to the nucleus.

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