Recombinant Human HSF2 Protein (His Tag)

Catalog No. PKSH032521

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

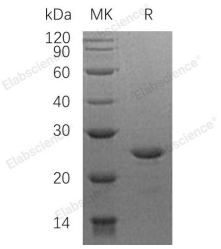
Description

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
Bioactivity	Not validated for activity

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℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Toll-free: 1-888-852-8623
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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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