

32-7262: Recombinant Human Heat Shock Factor Protein 2/HSF2 (N-6His)(Discontinued)

Gene : HSF2
Gene ID : 3298
Uniprot ID : Q03933

Description

Source: E.coli.
MW :15.9kD.

Recombinant Human Heat Shock Factor Protein-2 is produced by our E.coli expression system and the target gene encoding Ser411-Ser536 is expressed with a 6His tag at the N-terminus. 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 activated, HSF2 moves to the nucleus.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM DTT, pH 7.2.
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.
Storage condition : Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MGSSHHHHHHSSGLVPRGSHMSENKGLTTKNNVVQPVSSEGRKSKSPDKQLIQYTAFLAFLDGNPASSV
EQASTTASSEVLSSVDKPIEVDELDDSSLDPEPTQSKLVRLEPLTEAEASEATLFYLCELAPAPLDSDMPLLD

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.