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Stress-induced-phosphoprotein 1, 1-543aa, Human, His tag, E.coli

产品货号: TP04073

第三版

**别名:** Hsp70/Hsp90-organizing protein, HOP, IEF-SSP-3521, P60, ST11, ST11L, STIP1, Stress-induced-phosphoprotein1  
Hsc70/Hsp90 organizing protein, NY REN 11 antigen, Stress induced phosphoprotein 1, Transformation sensitive protein IEF SSP  
3521.

**描述:** Stress-induced-phosphoprotein1 (ST11), also known as HOP, belongs to the large group of co-chaperones. The main function of ST11 is to link Hsp70 and Hsp90 together. But recent investigations indicate that it also modulates the chaperone activities of the linked proteins and possibly interacts with other chaperones and proteins. It forms a complex with HSC70 and HSPCA/HSP-86 and HSPCB/HSP-84, as well as interacting with PACRG. Recombinant human ST11, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

**分子量:** 64.8 kDa (563aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMEQVNELKEKGNKALSVGNIDDALQCYSEAIKLDPHNHVLYSNRSAAYAKKGDYQKA  
YEDGCKTVDLKPDWKGYSRKAALFLNRFEEAKRTYEEGLKHEANNPQLKEGLQNMEARLAERKFMNPFNMPNLYQ  
KLESDPRTRTLLSDPTYRELIEQLRNKPSDLGTLQDPRIMTTLSVLLGVDLGSMDDEEEEIATPPPPPPPKKETKPEPMEEDLP  
ENKKQALKEKELGNDAYKKKDFDTALKHYDKAKELDPTNMTYITNQAAVYFEKGDYDKRELCEKAIEVGRENREDYR  
QIAKAYARIGNSYFKEEKYKDAIHFYNKSLAEHRTPDVLKCKQAEKILKEQERLAYINPDLALEEKKNKGNECFQKGDYPQ  
AMKHYTEAIKRNPKDAKLYSNRAACYTKLLEFQLALKDCEECIQLEPTFIKGYTRKAAALEAMKDYTKAMDVYQKALDL  
DSSCKEAADGYQRCMMAQYNRHDSPELVKRRAMADPEVQQIMSDPAMRLILEQMVKDPQALSEHLKNPVIQAQKIQKL  
MDVGLIAIR

**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.