

32-5004: Recombinant Human SGT1

Alternative Name : SGT1,suppressor of G2 allele of SKP1 (S. cerevisiae),SGT1,Putative 40-6-3 protein,SGT1B protein.

Description

Source : Escherichia Coli. SGT1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 252 amino acids (115-365.a.a) and having a molecular mass of 30.7kDa. SGT1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SUGT1 is homolog to yeast protein SGT1, a regulator of the cell cycle which is vital for G1/S and G2/M transitions. SUGT1 holds a CS domain, a SGS domain, a p23 domain and three tetratricopeptide repeats (TPR). SUGT1 protein associates with Skp1 p19 and CUL-1, subunits of the SCF ubiquitin ligase complex, and is believed to take a part in protein degradation. Furthermore, SUGT1 is essential for the kinetochores assembly, and has a role as a co-chaperone for HSP90.

Product Info

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| Amount : | 20 µg |
| Purification : | Greater than 90% as determined by SDS-PAGE. |
| Content : | The SGT1 protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 20% glycerol. |
| Storage condition : | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MHRVGQAGLQ LLTSSDPPAL DSQSAGITGA DANFSVWIKR CQEAQNGSES EVWTHQSKIK YDWYQTESQVWITLMIKNVQ KNDVNVEFSE KELSALVKLP SGEDYNLKLE LLHPIPEQS TFKVLSTKIE IKLKKPEAVR WEKLEGQGDV PTPKQFVADVKNLYPSSSPY TRNWDKLVGE IKEEEKNEKL EGDAAALNRLF QQIYSDGSDE VKRAMNKSFM ESGGTVLSTN WSDVVGKRKVE INPPDDMEWKKY |