

Product information



SUGT1, 115-365aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0899

Full name: Suppressor of G2 allele of SKP1 homolog isoform SGT1B

NCBI Accession No.: NP_001124384

Synonyms: SGT1

Description: SUGT1, also known as suppressor of G2 allele of SKP1, is a homolog of the yeast protein SGT1, a regulator of the cell cycle that is essential for G1/S and G2/M transitions. It contains a CS domain, a SGS domain, a p23 domain and three tetratricopeptide repeats (TPR). This protein associates with Skp1 p19 and CUL-1, subunits of the SCF ubiquitin ligase complex, and is thought to play a role in protein degradation. In addition, it is required for the kinetochores assembly, and has function as a co-chaperone for HSP90. Recombinant human SUGT1 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

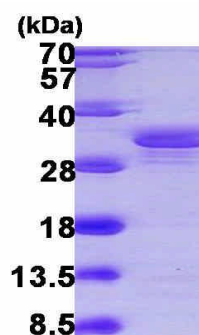
Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol

1mM DTT, 0.1M NaCl

Molecular Weight: 30.7 kDa (272aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MHRVGQAGLQ LLTSSDPPAL DSQSAGITGA DANFSVWIKR CQEAQNGSES EVWTHQSKIK YDWYQTESQV
VITLMIKNVQ KNDVNVFSE KELSALVKLP SGEDYNLKLE LLHPIIPEQS TFKVLSTKIE IKLKKPEAVR WEKLEGQGDV PTPKQFVADV
KNLYPSSSPY TRNWDKLVGE IKEEEKNEKL EGDAALNRLF QQIYSDGSDE VKRAMNKSFM ESGGTVLSTN WSDVGKRVKVE INPPDDMEWK
KY

General references:

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

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Spiechowicz M., *et al.* (2006). *Neurochem. Int.* 49: 487-493.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

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