

SUGT1 Human

Description: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.

Catalog #:PRPS-103

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

For research use only.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MHRVGQAGLQ LLTSSDPPAL
DSQSAGITGA DANFSVWIKR CQEAQNGSES EVWTHQSKIK YDWYQTESQVVITLMIKNVQ
KNDVNVFSE KELSALVKLP SGEDYNLKLE LLHPIPEQS TFKVLSTKIE IKLKKPEAVR
WEKLEGQGDV PTPKQFVADVKNLYPSSSPY TRNWDKLVGE IKEEEKNEKL EGDAALNRLF
QQIYSDGSDE VKRA

Purity:Greater than 90% as determined by SDS-PAGE.

Formulation:

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.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

Storage:

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.

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