9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SUGT1 Human

SGT1 Recombinant Human
RCP2292

Product Overview

Name	SUGT1 Human
Description	
SGT1 Recombinant Human	
Accession (Primary)	Q9Y2Z0
Synonyms	
SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae), SGT1, Putative 40-6-3 protein, SGT1B protein.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
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.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M HRVGQAGLQ LLTSSDPPAL DSQSAGITGA DANFSVWIKR CQEAQNGSES EVWTHQSKIK YDWYQTESQVVITLMIKNVQ KNDVNVEFSE KELSALVKLP SGEDYNLKLE LLHPIIPEQS TFKVLSTKIE IKLKKPEAVR WEKLEGQGDV PTPKQFVADVKNLYPSSSPY TRNWDKLVGE IKEEEKNEKL	

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EGDAALNRLF QQIYSDGSDE VKRAMNKSFM ESGGTVLSTN WSDVGKRKVE INPPDDMEWKKY

Precautions

SUGT1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y2Z0)