Recombinant Human SUGT1, His-tagged

Cat. No. SUGT1-30460TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 115-365 of Human SUGT1 with N terminal His tag; 272 amino acids with tag, MWt 30.7 kDa inclusive of tag.
Species	Human
Source	E.coli
ProteinLength	251 amino acids
Description	This gene is homologous to the yeast gene SGT1, which encodes a protein involved in kinetochore function and required for the G1/S and G2/M transitions. Complementation studies suggest that the human protein has similar functions. Two transcript variants encoding different isoforms have been found for this gene.
Conjugation	HIS
Molecular Weight	30.700kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMHRVGQAGLQLLTSSDPPALDSQSAGITGADANFS VWIKRCQEAQNGSESEVWTHQSKIKYDWYQTESQVVITLMIKNVQKNDVNVEFSEK ELSALVKLPSGEDYNLKLELLHPIIPEQSTFKVLSTKIEIKLKKPEAVRWEKLEGQGDV PTPKQFVADVKNLYPSSSPYTRNWDKLVGEIKEEEKNEKLEGDAALNRLFQQIYSDG SDEVKRAMNKSFMESGGTVLSTNWSDVGKRKVEINPPDDMEWKKY
Sequence Similarities	Belongs to the SUGT1 family.Contains 1 CS domain.Contains 1 SGS domain.Contains 3 TPR repeats.

GENE INFORMATION

Gene Name	SUGT1 SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae) [Homo sapiens]
Official Symbol	SUGT1
Synonyms	SUGT1; SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae); suppressor of G2 allele of SKP1 homolog; SGT1;
Gene ID	10910
mRNA Refseq	NM_006704
Protein Refseq	NP_006695
MIM	604098
Uniprot ID	Q9Y2Z0

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Chromosome Location	13q12.2-q13.3
Pathway	Immune System, organism-specific biosystem; Inflammasomes, organism-specific biosystem; Innate Immune System, organism-specific biosystem; NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem;
Function	binding;

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