

## Recombinant Human SUGT1, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	251 amino acids
<b>Description</b>	<p>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.</p> <p>Complementation studies suggest that the human protein has similar functions. Two transcript variants encoding different isoforms have been found for this gene.</p>
<b>Conjugation</b>	HIS
<b>Molecular Weight</b>	30.700kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

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<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	MGSSHHHHHSSGLVPRGSHMHRVGQAGLQLLTSSDPPALDSQSAGITGADANFS VWIKRCQEAQNGSESEVWTHQSKIKYDWYQTESQVVITLMIKNVQKNDVNVEFSEK ELSALVKLPSGEDYNLKLELLHPIIPEQSTFKVLSTKIEIKLKKPEAVRWEKLEGQGDV PTPKQFVADVKNLYPSSSPYTRNWDKLVGEIKEEEKNEKLEGDAALNRLFQQIYSDG SDEVKRAMNKSFMESGGTVLSTNWSVDVGKRKVEINPPDDMEWKKY
<b>Sequence Similarities</b>	Belongs to the SUGT1 family.Contains 1 CS domain.Contains 1 SGS domain.Contains 3 TPR repeats.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	SUGT1 SGT1, suppressor of G2 allele of SKP1 ( <i>S. cerevisiae</i> ) [ <i>Homo sapiens</i> ]
<b>Official Symbol</b>	SUGT1
<b>Synonyms</b>	SUGT1; SGT1, suppressor of G2 allele of SKP1 ( <i>S. cerevisiae</i> ); suppressor of G2 allele of SKP1 homolog; SGT1;
<b>Gene ID</b>	10910
<b>mRNA Refseq</b>	NM_006704
<b>Protein Refseq</b>	NP_006695
<b>MIM</b>	604098
<b>Uniprot ID</b>	Q9Y2Z0

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<b>Chromosome Location</b>	13q12.2-q13.3
<b>Pathway</b>	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;
<b>Function</b>	binding;

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