

Full-Length

SUGT1 (Human) Recombinant Protein (P01)

Catalog # H00010910-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SUGT1 full-length ORF (AAH00911, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAAAAGTATSQRFFQSFS DALIDEDPQAAL EELTKALEQKPDDAQYYCQRAYCHILLGNYCVAV
ADARKSLELNPNNSTAMLRKGICEYHEKNYAAALETFT EGQKLDADANFSVWIKRCQEAQNGS
ESEVWTHQSKIKYGWYQTESQVVITLMIKNVQKNDVNVEFSEKELSALVKLP SGEDYNLKLELLHP
IPEQSTFKVLSTKIEIKLKKPEAVRWEKLEGQGDVPTPKQFVADVKNLYPSSSPYTRNWDKLVGEI
KEEEKNEKLEGDAALNRLFQQIYSDGSDEVKRAMNKSFMESGGTVLSTNWSVDVGKRKVEINPPD
DMEWKKY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.37

Interspecies Antigen Sequence

Mouse (86); Rat (86)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SUGT1

Entrez GeneID[10910](#)**GeneBank Accession#**[BC000911](#)**Protein Accession#**[AAH00911](#)**Gene Name**

SUGT1

Gene Alias

SGT1

Gene Description

SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae)

Omim ID[604098](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

OTTHUMP00000040878|OTTHUMP00000178679|SGT1B protein|suppressor of G2 allele of SKP1|suppressor of G2 allele of SKP1, S. cerevisiae, homolog of