Recombinant human SGT1/SUGT1 protein

Catalog Number: ATGP0899

PRODUCT INFORMATION

Expression system
E.coli

Domain
115-365aa

UniProt No.
Q9Y2Z0

NCBI Accession No.
NP_001124384

Alternative Names
Suppressor of G2 allele of SKP1 homolog isoform SGT1B, SGT1, SGT1 homolog, MIS12 kinetochore complex assembly cochaperone, Protein SGT1 homolog, Protein 40-6-3

PRODUCT SPECIFICATION

Molecular Weight
30.7 kDa (272aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol 1mM DTT, 0.1M NaCl

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
SuGT1, also known as suppressor of G2 allele of SKP1, is a homolog of the yeast protein SGT1, a regulator of the cell cycle that is essential for G1/S and G2/M transitions. It contains a CS domain, a SGS domain, a p23 domain and three tetratricopeptide repeats (TPR). This protein associates with Skp1 p19 and CuL-1, subunits of the SCF ubiquitin ligase complex, and is thought to play a role in protein degradation. In addition, it is required for the kinetochores assembly, and has function as a co-chaperone for HSP90. Recombinant human SuGT1 protein,

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fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

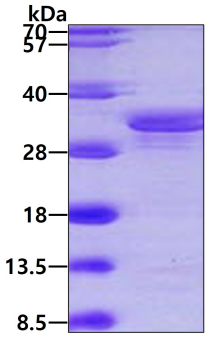
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General References

Spiechowicz M., et al. (2006). Neurochem. Int. 49: 487-493.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.