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Datasheet for ABIN7319030 SGTA Protein (His tag)

Overview

Quantity:	50 µg
Target:	SGTA
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SGTA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SGTA Protein (His Tag)
Sequence:	Met 1-Glu313
Characteristics:	Recombinant Human Small Glutamine-Rich Tetratricopeptide Repeat-Containing Protein alpha is produced by our E.coli expression system and the target gene encoding Met1-Glu313 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SGTA
Alternative Name:	SGTA (SGTA Products)
Background:	Background: Small Glutamine-Rich Tetratricopeptide Repeat-Containing Protein α (SGTA) is an ubiquitously expressed protein which belongs to the SGT Family. SGTA contains three TPR

Target Details

Protein-Protein Interaction Duplicates. SGTA is a co-chaperone that binds directly to HSC70 and HSP70 and regulates their ATPase activity. SGTA is capable of interacting with the major nonstructural protein of Parvovirus H-1 and 70- kDa heat shock cognate protein. It interacts with NS1 from Parvovirus H-1, with Vpu and Gag from HIV-1. It also interacts with SARS-CoV Accessory Protein 7a, DNAJC5 and DNAJC5B. However, its function is not known. Since this transcript is expressed ubiquitously in various tissues, SGTA may serve a housekeeping function.

Synonym: Small Glutamine-Rich Tetratricopeptide Repeat-Containing Protein Alpha, Alpha-SGT, Vpu-Binding Protein, UBP, SGTA, SGT, SGT1

Molecular Weight: 36.2 kDa

UniProt: [O43765](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.