

Recombinant Human SGTA Protein(N-6His)

Cat.NO.: TP06170

3th Edition

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

Description: Small Glutamine-Rich Tetratricopeptide Repeat-Containing Protein ? (SGTA) is an ubiquitously expressed protein which belongs to the SGT Family. SGTA contains three TPR 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.

Form: PBS

Molecular Weight: 36.2 kDa

Sequences: Met 1-Glu313

Purity: > 95% by HPLC

Concentration:

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.