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SGTA, 1-313 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03921

第三版

别名: Small glutamine-rich tetratricopeptide repeat-containing protein alpha, alphaSGT, hSGT, SGT.

描述: SGTA, also known as SGT or hSGT, is a ubiquitously expressed protein that contains three TPR protein-protein interaction repeats. This protein is believed to function as a component of the androgen receptor (AR)-chaperone-cochaperone complex, acting as a cochaperone involved in androgen signaling. In addition, SGTA functions as a cochaperone that binds directly to HSC70 and HSP70 and regulates their ATPase activity. On the basis of its role in apoptosis and androgen signaling, SGTA is a potential candidate for PCOS (polycystic ovary syndrome), a disorder characterized by androgen excess, obesity and menstrual disturbances. Recombinant SGTA protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT.

分子量: 35.1 kDa (321aa), confirmed by MALDI-TOF

序列:

MDNKKRLAYAIQFLHDQLRHGGLSSDAQESLEVAIQCLETAFGVTVEDSDLALPQTLPEIFEEAAATGKEMPQDLRSPARTP
PSEEDSAEAERLKTEGNEQMKVENFEAAVHFYGGKAIELNPANAVYFCNRAAAYSKLGNYAGAVQDCERAICIDPAYSKAY
GRMGLALSSLNKHVEAVAYYKKALELDPDNETYKSNLKI AELKLREAPSPTGGVGSFDIAGLLNPNPGFMSMASNLMNPNQI
QQLMSGMISGGNNPLGTPGTSPSQNDLASLIQAGQQFAQQMQQNPELIEQLRSQIRSRTPSASNDDQQELEHHHHHH

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.