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DATA SHEET

Small Glutamine-Rich Tetratricopeptide Repeat-Containing Protein Al-

Item Number	rAP-4465
Synonyms	alphaSGT, hSGT, SGT, Vpu-binding protein, UBP, Small glutamine-rich tetratricopeptide repeat-containing protein alpha, Alpha-SGT, SGT1.
Description	SGTA Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 321 amino acids (1-313 a.a.) and having a molecular mass of 35.1 kDa. SGTA protein is fused to a 8 amino acid His-Tag at C-terminus and purified by standard chromatography.
Uniprot Accesion Number	O43765
Amino Acid Sequence	MDNKKRLAYA IIQFLHDQLR HGGLSSDAQE SLEVAIQCLE TAFGVTVEDS DLALPQTLPE IFEAAATGKE MPQDLRSPAR TPPSEEDSAE AERLKTEGNE QMKVENFEAA VHFYGKAIEL NPANAVYFCN RAAAYSKLGN YAGAVQDCER AICIDPAYSK AYGRMGLALS SLNKHVEAVA YYKKALELDP DNETYK-SNLK IAELKLREAP SPTGGVGSFD IAGLLNNPGF MSMASNLMNN PQIQQLMSGM ISGGNNPLGT PGTSPSQNDL ASLIQAGQQF AQQMQQQNPE LIEQLRSQIR SRTPSASNDD QQELEHHHHH H.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	SGTA Human solution containing 20mM Trsi HCL pH-8, 1mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only