

Syntrophin, Alpha 1 Human Recombinant

Item Number	rAP-3766
Synonyms	Alpha-1-syntrophin, 59 kDa dystrophin-associated protein A1 acidic component 1, Pro-TGF-alpha cytoplasmic domain-interacting protein 1, TACIP1, Syntrophin-1, SNTA1, SNT1, LQT12, dJ1187J4.5.
Description	SNTA1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 528 amino acids (1-505 a.a.) and having a molecular mass of 56.3kDa. SNTA1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q13424
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMASGRRA PRTGLLELRA GAGSGAGGER WQRVLLSLAE DVLTVSPADG DPGPEPGAPR EQEPAQLNGA AEPGAGPPQL PEALLQRRR VTVRKADAGG LGISIKG- GRE NKMPILISKI FKGLAADQTE ALFVGDAIIS VNGEDLSSAT HDEAVQVLKK TGKEVVLEVK YMKDVSPYFK NSTGGTSVGW DSPPASPLQR QPSSPGPTPR NFSEAKHMSL KMAYVSKRCT PNDPEPRYLE ICSADGQDTL FLRAKDEASA RSWATAIQAQ VNTLTPRVKD ELQALLAATS TAGSQDIKQI GWLTEQLPSG GTAPTLALLT EKELLYLSL PETREALSRP ARTAPLIATR LVHSGPSKGS VPYDAELSFA
Source	E.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	SNTA1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.15M NaCl. Greater than 80% 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**