Recombinant Human SNTA1 293 Cell Lysate

Cat. No. SNTA1-1608HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for syntrophin, alpha 1 (dystrophin-associated protein A1, 59kDa, acidic component) (SNTA1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	SNTA1 syntrophin, alpha 1 (dystrophin-associated protein A1, 59kDa, acidic component) [Homo sapiens]
Official Symbol	SNTA1
Synonyms	SNTA1; syntrophin, alpha 1 (dystrophin-associated protein A1, 59kDa, acidic component); SNT1, syntrophin, alpha 1 (dystrophin associated protein A1, 59kD, acidic component); alpha-1-syntrophin; pro TGF alpha cytoplasmic domain interacting protein 1; TACIP1; syntrophin-1; acidic alpha 1 syntrophin; pro-TGF-alpha cytoplasmic domain-interacting protein 1; 59 kDa dystrophin-associated protein A1 acidic component 1; SNT1; LQT12; dJ1187J4.5;
Gene ID	6640
mRNA Refseq	NM_003098
Protein Refseq	NP_003089
MIM	601017
UniProt ID	Q13424
Chromosome Location	20q11.2

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Pathway	Signaling mediated by p38-gamma and p38-delta, organism-specific biosystem;
Function	PDZ domain binding; actin binding; calmodulin binding; protein binding;

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