

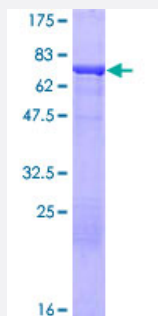
Full-Length

SNTA1 (Human) Recombinant Protein (P01)

Catalog # H00006640-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SNTA1 full-length ORF (NP_003089.1, 1 a.a. - 505 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASGRRAPRTGLLELRAGAGSGAGGERWQRVLLSLAEDVLTVSPADGDPGPEPGAPREQEPA
QLNGAAEPGAGPPQLPEALLQRRRVTVRKADAGGLGISIKGGRENKMPILISKIFKGLAADQTEAL
FVGDAILSVNGEDLSSATHDEAVQVLKKTGKEVVLEVKYMKDVSPYFKNSTGGTSVGWDSPPAS
PLQRQPSSPGPTPRNFSEAKHMSLKMAYVSKRCTPNDPEPRYLEICSADGQDTLFLRAKDEASA
RSWATAIQAQVNTLTPRVKDELQALLAATSTAGSQDIKIGWLTEQLPSGGTAPTLALLTEKELLY
LSLPETREALSRPARTAPLIATRLVHSGPSKGSVPYDAELSFALRTGTRHGVDTHLFSVESPQELA
AWTRQLVDGCHRAAEGVQEVSTACTWNGRPCSLSVHIDKGFTLWAAEPGAARAVLLRQPFEKL
QMSSDDGASLLFLDFGGAEGEIQDLHSCPMTVFIIHSFLSAKVTRLGLLA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.3

Interspecies Antigen Sequence

Mouse (92); Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SNTA1

Entrez GeneID	6640
GeneBank Accession#	NM_003098.2
Protein Accession#	NP_003089.1
Gene Name	SNTA1
Gene Alias	SNT1, TACIP1, dJ1187J4.5
Gene Description	syntrophin, alpha 1 (dystrophin-associated protein A1, 59kDa, acidic component)
Omim ID	601017
Gene Ontology	Hyperlink
Gene Summary	Dystrophin is a large, rod-like cytoskeletal protein found at the inner surface of muscle fibers. Dystrophin is missing in Duchenne Muscular Dystrophy patients and is present in reduced amounts in Becker Muscular Dystrophy patients. The protein encoded by this gene is a peripheral membrane protein found associated with dystrophin and dystrophin-related proteins. This gene is a member of the syntrophin gene family, which contains at least two other structurally-related genes. [provided by RefSeq]
Other Designations	OTTHUMP00000030650 acidic alpha 1 syntrophin dystrophin-associated protein A1, 59kD, acidic component pro-TGF-alpha cytoplasmic domain-interacting protein 1 syntrophin, alpha 1 (dystrophin-associated protein A1, 59kD, acidic component)

Disease

- [Disease Models](#)
- [Long QT syndrome](#)
- [Sudden Infant Death](#)