SNTB2 (Human) Recombinant Protein (Q01)

Catalog #   H00006645-Q01   Size   25 ug, 10 ug

Applications
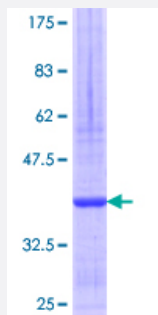
Specification

Product Description	Human SNTB2 partial ORF (NP_006741.1, 116 a.a. - 210 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VRVVKQEAGGLGISIKGGRENRMPILISKIFPGLAADQSRALRLGDAILSVNGTDLRQATHDQAVQALKRAGKEVLLEVKFIREVTPYIKKPSLV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.19
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — SNTB2

Entrez GeneID	6645
GeneBank Accession#	NM_006750
Protein Accession#	NP_006741.1
Gene Name	SNTB2
Gene Alias	D16S2531E, EST25263, SNT2B2, SNT3, SNTL
Gene Description	syntrophin, beta 2 (dystrophin-associated protein A1, 59kDa, basic component 2)
Omim ID	600027
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	basic beta 2 syntrophin|dystrophin-associated protein A1, 59kD, basic component 2|syntrophin, beta 2 (dystrophin-associated protein A1, 59kD, basic component 2)|syntrophin-like