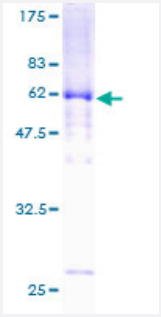
Full-Length

DTNA (Human) Recombinant Protein (P01)

Catalog # H00001837-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DTNA full-length ORF (AAH05300, 1 a.a. - 371 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MIEDSGKRGNTMAERRQLFAEMRAQDLDRIRLSTYRTACKLRFVQKKCNLHLVDIWNVIEALRENA LNNLDPNTELNVSRLEAVLSTIFYQLNKRMPTTHQIHVEQSISLLLNFLLAAFDPEGHGKISVFAVKM ALATLCGGKIMDKLRYIFSMISDSSGVMVYGRYDQFLREVLKLPTAVFEGPSFGYTEQSARSCFSQ QKKVTLNGFLDTLMSDPPPQCLVWLPLLHRLANVENVFHPVECSYCHSESMMGFRYRCQQCHN YQLCQDCFWRGHAGGSHSNQHQMKEYTSWKSPAKKLTNALSKSLSCASSREPLHPMFPDQPE KPLNLAHIVPPRPVTSMNDTLFSHSVPSSGSPFITRSSDGAFGGCV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	66.55
Interspecies Antigen Sequence	Mouse (99)
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 — DTNA

Entrez GeneID	1837
GeneBank Accession#	BC005300
Protein Accession#	AAH05300
Gene Name	DTNA
Gene Alias	D18S892E, DRP3, DTN, FLJ96209, LVNC1
Gene Description	dystrobrevin, alpha
Omim ID	601239 604169 606617
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the dystrobrevin subfamily of the dystrophin family. T his protein is a component of the dystrophin-associated protein complex (DPC), which consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarco glycans, syntrophins and alpha- and beta-dystrobrevin. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Mutations in this gene are a ssociated with left ventricular noncompaction with congenital heart defects. Multiple alternatively s pliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000163154|OTTHUMP00000163155|dystrobrevin alpha|dystrophin-related protein 3

Disease

- Tobacco Use Disorder