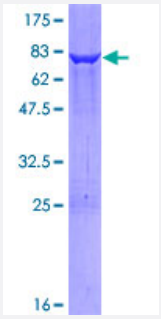
Full-Length

DTNBP1 (Human) Recombinant Protein (P01)

Catalog # H00084062-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DTNBP1 full-length ORF (NP_115498.2, 1 a.a. - 351 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLETLRERLLSVQQDFTSGLKTLSDKSREAKVKSKPRTVPFLPKYSAGLELLSRYEDTWAALHRR AKDCASAGELVDSEVVMLSAHWEKKKTSLVELQEQLQQLPALIADLESMTANLTHLEASFEEVE NNLLHLEDLCGQCELERCKHMQSQQLENYKKNKRKELETFKAELDAEHAQKVLEMEHTQQMKL KERQKFFEEAFQQDMEQYLSTGYLQIAERREPIGSMSSMEVNVDMLEQMDLMDISDQEALDVFL NSGGEENTVLSPALGPESSTCQNEITLQVPNPSELRAKPPSSSSTCTDSATRDISEGGESPVVQS DEEEVQVDTALATSHTDREATPDGGEDSDS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	65.9
Interspecies Antigen Sequence	Mouse (79); Rat (79)
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 — DTNBP1

Entrez GeneID	84062
GeneBank Accession#	NM_032122.3
Protein Accession#	NP_115498.2
Gene Name	DTNBP1
Gene Alias	DBND, DKFZp564K192, FLJ30031, HPS7, MGC20210, My031, SDY
Gene Description	dystrobrevin binding protein 1
Omim ID	181500 203300 607145
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that may play a role in organelle biogenesis associated with melano somes, platelet dense granules, and lysosomes. A similar protein in mouse is a component of a p rotein complex termed biogenesis of lysosome-related organelles complex 1 (BLOC-1), and bind s to alpha- and beta-dystrobrevins, which are components of the dystrophin-associated protein co mplex (DPC). Mutations in this gene are associated with Hermansky-Pudlak syndrome type 7. Thi s gene may also be associated with schizophrenia. Multiple transcript variants encoding distinct i soforms have been identified for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000016062|dysbindin

Disease

- Amphetamine-Related Disorders
- Anoxia
- Anxiety Disorders
- Attention
- Bipolar Disorder
- Cognition
- Cognition Disorders
- Depressive Disorder
- Disease Progression
- Disease Susceptibility
- Executive Function
- Genetic Predisposition to Disease
- Hypercholesterolemia
- Intelligence Tests
- Memory
- Mental Disorders
- Mental Recall
- Neuropsychological Tests
- Neurotic Disorders
- Obstetric Labor Complications
- Personality Inventory
- Personality Tests
- Psychiatric Status Rating Scales
- Psychomotor Performance

- Psychoses
- Psychotic Disorders
- Reaction Time
- Schizophrenia
- Schizophrenic Psychology
- Schizotypal Personality Disorder
- Space Perception
- Stress Disorders
- Substance-Related Disorders
- Verbal Learning
- Visual Perception
- Wechsler Scales