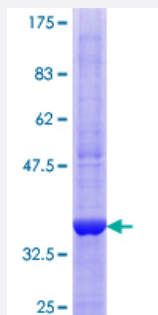


DTNBP1 (Human) Recombinant Protein (Q01)

Catalog # H00084062-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DTNBP1 partial ORF (AAH11912.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLETLRERLLSVQQDFTSGLKTLSDKSREAKVKSKPRTVPFLPKYSAGLELLSRYEDTWAALHRR AKDCASAGELVDSEVVMLSAHWEKKKTSLVELQEQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (92); Rat (91)
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# [BC011912](#)

Protein Accession# [AAH11912.1](#)

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 melanosomes, platelet dense granules, and lysosomes. A similar protein in mouse is a component of a protein complex termed biogenesis of lysosome-related organelles complex 1 (BLOC-1), and binds to alpha- and beta-dystrobrevins, which are components of the dystrophin-associated protein complex (DPC). Mutations in this gene are associated with Hermansky-Pudlak syndrome type 7. This gene may also be associated with schizophrenia. Multiple transcript variants encoding distinct isoforms 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](#)