9051 Mira Mesa Blvd, #910094
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DTNBP1 Human

Dystrobrevin-Binding Protein 1 Isoform C Human Recombinant
RCP0688

Product Overview

Name	DTNBP1 Human

Description

Dystrobrevin-Binding Protein 1 Isoform C Human Recombinant

Accession (Primary)	Q96EV8

Synonyms

Dysbindin, SDY, DBND, HPS7, My031, FLJ30031, MGC20210, DKFZp564K192, Dystrobrevin-binding protein 1, Hermansky-Pudlak syndrome 7 protein homolog, Hps7-like protein, DTNBP1.

Introduction

DTNBP1 is involved in organelle biogenesis connected with melanosomes, platelet dense granules, and lysosomes. An analogous protein in murine is a part of a protein complex called BLOC-1, and connects to alpha- and beta-dystrobrevins, which are factors of the dystrophin-associated protein complex (DPC). Mutations in DTNBP1 gene are associated with Hermansky-Pudlak syndrome type 7. DTNBP1 gene may also be associated with schizophrenia.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The DTNBP1 solution contains 20mM Tris pH-8, 0.5mM DTT, 0.1M NaCl, and 20% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSH MLS AHWEKKKTSL VELQEQLQQL PALIADLESM TANLTHLEAS FEEVENNLLHLEDLCGQCEL ERCKHMQSQQ LENYKKNKRK ELETFKAELD AEHAQKVLEM EHTQQMKLKE RQKFFEEAFQ QDMEQYLSTG YLQIAERREP IGSMSSMEVN VDMLEQMDLM DISDQEALDV FLNSGGEENT VLSPALGPES STCQNEITLQ VPNPSELRAK PPSSSSTCTD SATRDISEGG ESPVVQSDEE

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EVQVDTALAT SHTDREATPD GGEDSDS.

Precautions

DTNBP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96EV8)