

## DTNBP1 Human

**Description:**DTNBP1 Human Recombinant fused to 37 a.a. N-terminal His-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain containing 307 amino acids (1-270a.a.) and having a molecular mass of 34.6 kDa.

**Catalog #:**PRPS-682

For research use only.

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

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMLS  
AHWEKKKTSL VELQEQLQQL PALIADLESM TANLTHLEAS FEEVENNLLHLEDLCGQCEL  
ERCKHMQSQQ LENYKKNKRK ELETFAELD AEHAQKVLEM EHTQMKLKE RQKFEEAFQ  
QDMEQYLSTG YLQIAERREP IGSMSMEVN VDMLEQMDLM DISDQEALDV FLNSGGEENT  
VLSPALGPES STC

**Purity:**Greater than 95.0% as determined by SDS-PAGE.

### Formulation:

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

### Stability:

DTNBP1 although stable 4°C for 4 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### 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.

**To place an order, please [Click HERE](#).**