

## 32-3694: DTNBP1 Recombinant Protein

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

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** The DTNBP1 solution contains 20mM Tris pH-8, 0.5mM DTT, 0.1M NaCl, and 20% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMLLS AHWEKKKTSL VELQEQLQQL  
PALIADLESM TANLTHLEAS FEEVENLLHLEDLCGQCEL ERCKHMQSQQ LENYKKNKRK ELETFAELD  
AEHAQKVLEM EHTQQMKLKE RQKFFEEAFQ QDMEQYLSTG YLQIAERREP IGSMSSMEVN  
VDMLEQMDLM DISDQEALDV FLNSGGEENT VLSPALGPES STCQNEITLQ VPNPSELRAK PPSSSSTCTD  
SATRDISEGG ESPVVQSDEE EVQVDTALAT SHTDREATPD GGEDSDS.