

## Product datasheet for **TP304208M**

### Dysbindin (DTNBP1) (NM\_032122) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dystrobrevin binding protein 1 (DTNBP1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC204208 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLETLRERLLSVQQDFTSGLKTLSDKSREAKVKSKPRTVPFLPKYSAGLELLSRYEDTWAALHRRRAKDCA  
SAGELVDSEVVMLSAHWEKKKTSLEVELQEQLQQLPALIADLESMTANLTHLEASFEEVENLLHLEDLCG  
QCELERCKHMQSQQLENYKKNKRKELETFKAELDAEHAQKVLEMEHTQQMCLKERQKFFEEAFQQDMEQY  
LSTGYLQIAERREPIGSMSSMEVNVDMLEQMDLMDISDQEALDVFLNSGGEENTVLSPALGPESSTCQNE  
ITLQVNPSELRAKPPSSSSTCTDSATRDISEGGSPPVQSDEEEVQVDTALATSHTDREATPDGGEDSD  
S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	39.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_115498</a>



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Locus ID: 84062

UniProt ID: [Q96EV8](#), [A0A0S2Z5U8](#)

RefSeq Size: 1429

Cytogenetics: 6p22.3

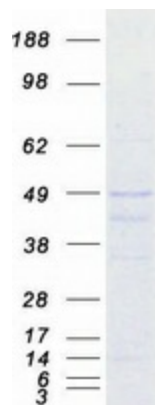
RefSeq ORF: 1053

Synonyms: BLOC1S8; DBND; HPS7; My031; SDY

**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, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified DTNBP1 protein (Cat# [TP304208]). The protein was produced from HEK293T cells transfected with DTNBP1 cDNA clone (Cat# [RC204208]) using MegaTran 2.0 (Cat# [TT210002]).