

Product datasheet for **TP323289L**

Dysbindin (DTNBP1) (NM_183041) Human Recombinant Protein

Product data:

| | |
|-----------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human dystrobrevin binding protein 1 (DTNBP1), transcript variant 3, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA | >RC223289 representing NM_183041 |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s) |

MLETLRERLLSVQQDFTSGLKTLSDKSREAKVKSKPRTVPFLPKYSAGLELLSRYEDTWAALHRRRAKDCA
SAGELVDSEVVMLSAHWEKKKTSLEVELQEQLQQLPALIADLESMTANLTHLEASFEEVENLLHLEDLCG
QCELERCKHMQSQQLENYKKNKRKELETFKAELDAEHAQKVLEMEHTQQMMLKERQKFFEEAFQQDMEQY
LSTGYLQIAERREPIGSMSSMEVNVDMLEQMDLMDISDQEALDVFLNSGGEENTVLSPALGPESSTCQNE
ITLQVPNPSELRAKPPSSSSTCTDSATRDISEGGESPVVQSDEEEVQVDTALATSHTDREATPDGGEDSD
S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 30.2 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: | NP_898862 |



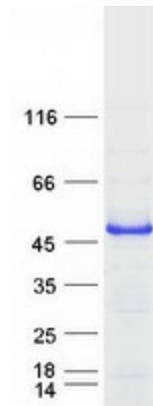
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| | |
|---------------|---|
| Locus ID: | 84062 |
| UniProt ID: | Q96EV8 |
| RefSeq Size: | 1509 |
| Cytogenetics: | 6p22.3 |
| RefSeq ORF: | 813 |
| Synonyms: | DBND; DKFZp564K192; dysbindin; dystrobrevin binding protein 1; FLJ30031; HPS7; MGC20210; My031; OTTHUMP00000016062; 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# [TP323289]). The protein was produced from HEK293T cells transfected with DTNBP1 cDNA clone (Cat# [RC223289]) using MegaTran 2.0 (Cat# [TT210002]).