



# Recombinant Chicken Dysbindin (DTNBP1)

<b>Product Code</b>	CSB-YP736586CH
<b>Abbreviation</b>	DTNBP1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q5ZKM0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MLETLRERLL SVQQDFTSGL KTLGDKSREA KKSQRRTAQC SPEFSAGLEL LSRYEDAWAA LHKGAKDCAK AGELVDSEVV MLSAHWEKKR NSLVELQDQL QQIPGFLADL ECLTASLARL EANFEEMETH LLCLEDLCEQ CELERYKCVQ TLQLENYKKT KRKELENFKA ELDAEHAQKV LDMEHTQQMK LKERQKFFEE AFQQDMEQYL STGYLQIAER REPIGSMSSM EVNNDMLEQM DLMDMSDQEA LDVFLNSGGE DNNMLSPMLG PDSSTYVNEI SLQVPSQSEL RHKLSSLSST CTDSASQEAS EGESPVVQSD EEEVQVDTAL AAVAERKGAS DVSESDSQT I
<b>Source</b>	Yeast
<b>Target Names</b>	DTNBP1
<b>Protein Names</b>	Recommended name: Dysbindin Alternative name(s): Dysbindin-1 Dystrobrevin-binding protein 1
<b>Expression Region</b>	1-351
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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