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Datasheet for ABIN667731 DTNBP1 Protein (AA 1-270) (His tag)

Image



Overview

Quantity:	100 µg
Target:	DTNBP1
Protein Characteristics:	AA 1-270
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DTNBP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)
Product Details	
Characteristics:	Dysbindin, 1-270aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

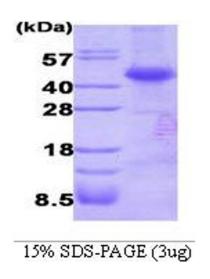
Target:	DTNBP1
Alternative Name:	Dysbindin (DTNBP1 Products)
Background:	Dysbindin is a ubiquitously expressed protein that binds to alpha- and beta-dystrobrevins,
	components of the dystrophin-associated protein complex (DPC) in both muscle and
	nonmuscle cells. Dysbindin has been strongly implicated in schizophrenia (SZ) susceptibility by
	a series of independent genetic association and gene expression studies. Among its known
	functions, dysbindin is part of a protein complex, termed the biogenesis of lysosome-related

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Target Details

	organelles complex 1 (BLOC-1), the molecular components of which might be involved in the
	regulation of vesicular trafficking and dendrite branching. Dysbindin effects for brain volume
	and cortical thickness appear driven by different neurobiological processes. Recombinant
	human Dysbindin protein, fused to His-tag at N-terminus, was expressed in E.coli and purified
	by using conventional chromatography. Synonyms: DTNBP1, DBND, HPS7, SDY, Dystrobrevin-
	binding protein 1 isoform C Dystrobrevin binding protein 1, Hermansky Pudlak syndrome 7
	protein. NCBI no.: NP_898862
Molecular Weight:	34.6 kDa (307aa), confirmed by MALDI-TOF.
Pathways:	Synaptic Membrane, Regulation of G-Protein Coupled Receptor Protein Signaling
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	In 20 mM Tris-HCl buffer (pH 8.0) containing 100mM NaCl, 0.5mM DTT, 20% glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.

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