

Datasheet for ABIN7553649  
**DBNL Protein (AA 1-430) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DBNL
Protein Characteristics:	AA 1-430
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DBNL protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat DBNL Protein expressed in mammalien cells.
Sequence:	MAANLSRNGP ALQEAYVRVV TEKSPDWAL FTYEGNSNDI RVAGTGEGGL EEMVEELNSG KVMYAFCRVK DPNSGLPKFV LINWTGEGVN DVRKGACASH VSTMASFLKG AHVTINARAE EDVEPECIME KVAKASGANY SFHKESGRFQ DVGPPQAPVGS VYQKTNAVSE IKRVGKDSFW AKAEKEEENR RLEEKRAAE AQRQLEQERR ERELREAARR EQRVQEQGGE ASPQRTWEQQ QEVVSRNRNE QESAVHPREI FKQKERAMST TSISSPQPGK LRSPFLQKQL TQPETHFGRE PAAAIRPRA DLPAAEEPAPS TPPCLVQAE EAVYEEPPEQ ETFYEQPPLV QQQGAGSEHI DHHIQQGGLS GGGLCARALY DYQAADDTEI SFDPENLITG IEVIDEGWWR GYGPDGHFGM FPANYVELIE <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Characteristics:	Key Benefits:

## Product Details

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- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	DBNL
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Alternative Name:	DBNL ( <a href="#">DBNL Products</a> )
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Background:	Drebrin-like protein (Cervical SH3P7) (Cervical mucin-associated protein) (Drebrin-F) (HPK1-interacting protein of 55 kDa) (HIP-55) (SH3 domain-containing protein 7),FUNCTION: Adapter protein that binds F-actin and DNM1, and thereby plays a role in receptor-mediated endocytosis. Plays a role in the reorganization of the actin cytoskeleton, formation of cell projections, such as neurites, in neuron morphogenesis and synapse formation via its interaction with WASL and COBL. Does not bind G-actin and promote actin polymerization by itself. Required for the formation of organized podosome rosettes (By similarity). May act as a common effector of antigen receptor-signaling pathways in leukocytes. Acts as a key component of the immunological synapse that regulates T-cell activation by bridging TCRs and the actin cytoskeleton to gene activation and endocytic processes. {ECO:0000250, ECO:0000269 PubMed:14729663}.
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Molecular Weight:	48.2 kDa
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UniProt:	<a href="#">Q9UJU6</a>
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## Target Details

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Pathways: [TCR Signaling, Regulation of Actin Filament Polymerization](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months