

Datasheet for ABIN7320621

**NBL1 Protein (His tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	NBL1
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NBL1 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse NBL1/DAND1 Protein (His Tag)
Sequence:	Ala17-Asp178
Characteristics:	Recombinant Mouse Differential Screening-selected Gene Aberrant in Neuroblastoma is produced by our Mammalian expression system and the target gene encoding Ala17-Asp178 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	NBL1
Alternative Name:	NBL1/DAND1 ( <a href="#">NBL1 Products</a> )
Background:	Background: Differential screening-selected gene aberrative in neuroblastoma (DAN) is a member of the DAN family of secreted glycoproteins. DAN family antagonists are characterized

## Target Details

by a DAN domain that contains a cystine knot motif which is essential for binding to BMP ligands. Members of this family include DAN, gremlin, protein related to DAN and cerberus (PRDC), cerberus, sclerostin (SOST) and uterine sensitization-associated gene 1 protein, and control diverse processes in growth, development and the cell cycle. It has also been reported that DAN family plays crucial role in early mouse embryo development by inhibiting the action of bone morphogenic proteins and modulating the action of transforming growth factor- $\beta$  superfamily members. DAN is synthesized by small-to intermediate-sized DRG neurons and transported to the sensory nerve terminals in the skin or to the sensory nerve terminals in the dorsal horn. It has been reported that DAN is ubiquitously expressed in adult rat and human tissues. Morphological studies have revealed that, in adult rat, DAN mRNA is expressed ubiquitously in lung and brain, but not in liver.

Synonym: DAND1, NBL1, DAN domain family member 1, neuroblastoma suppressor of tumorigenicity 1, Protein N03, suppression of tumorigenicity 1, DAN, Dana

Molecular Weight:	18.4 kDa
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UniProt:	<a href="#">Q61477</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

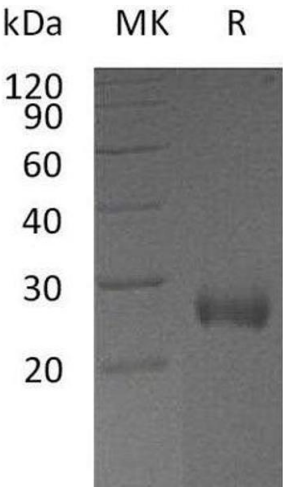
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.4.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.