Product Name: Recombinant Mouse DAN (C-6His)
Catalog #: PHM1211

Summary

Name	Neuroblastoma Suppressor of Tumorigenicity 1/NBL1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q61477
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	18.4 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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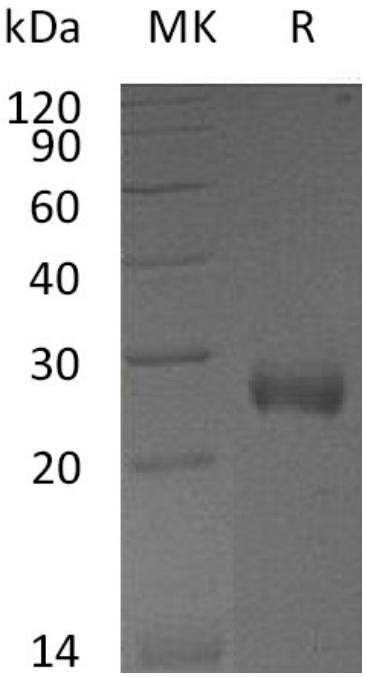

Alternative Names

DAND1; NBL1; DAN domain family member 1; neuroblastoma suppressor of tumorigenicity 1; Protein N03; suppression of tumorigenicity 1

Background

Differential screening-selected gene aberrative in neuroblastoma (DAN) is a member of the DAN family of secreted glycoproteins. DAN family antagonists are characterized 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-β 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.

Note

For Research Use Only , Not for Diagnostic Use.