

Product datasheet

Recombinant Human CDAN1 protein ab165526

1 Image

Overview

<b>Product name</b>	Recombinant Human CDAN1 protein
<b>Protein length</b>	Protein fragment

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	PLQLLLSPRNVGLLADTRPREWDLLLFLRELVEKGLM GRMEIEACLGSL HQAQWPGDFAEELATLSNLFLEPHLPEPQLRACELV QPNRGTVLAQS
<b>Amino acids</b>	1130 to 1227
<b>Tags</b>	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab165526** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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## General Info

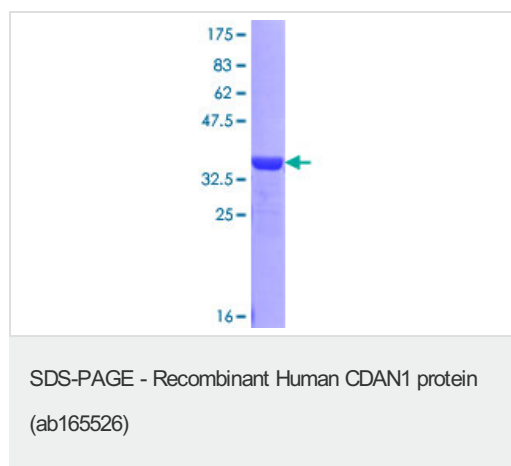
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<b>Function</b>	Might be involved in nuclear membrane integrity.
<b>Tissue specificity</b>	Ubiquitously expressed. Isoform 3 is not found in erythroid cells.
<b>Involvement in disease</b>	Defects in CDAN1 are the cause of congenital dyserythropoietic anemia type 1 (CDA1) [MIM:224120]. An autosomal recessive blood disorder characterized by morphological abnormalities of erythroblasts, ineffective erythropoiesis, macrocytic anemia and secondary hemochromatosis. It is occasionally associated with bone abnormalities, especially of the hands and feet (acro-dysostosis), nail hypoplasia, and scoliosis. Ultrastructural features include internuclear chromatin bridges connecting some nearly completely separated erythroblasts and an abnormal appearance (spongy or Swiss-cheese appearance) of the heterochromatin in a high proportion of the erythroblasts.
<b>Cellular localization</b>	Membrane.

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## Images

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ab165526 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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