

Product datasheet

Recombinant Human NUP214 protein ab152837

[1 Image](#)

Description

Product name	Recombinant Human NUP214 protein
Expression system	Wheat germ
Accession	<u>P35658-1</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGDEMDAMIPEREMKDFQFRALKKVRIFDSPEELPKERS SLLAVSNKYGL VFAGGASGLQIFPTKNLLIQNKPGDDPNKIVDKVQGLLVP MKFPIHH
Predicted molecular weight	36 kDa including tags
Amino acids	1 to 97

Specifications

Our **Abpromise guarantee** covers the use of **ab152837** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot SDS-PAGE
Form	Liquid

Additional notes

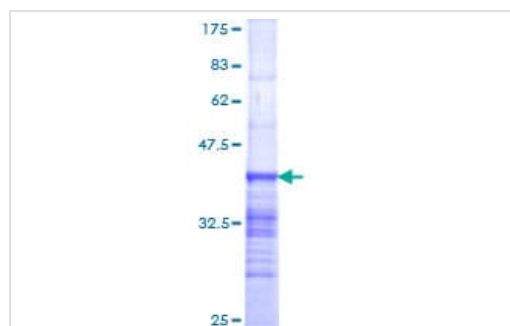
Preparation and Storage

Stability and Storage	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

Function	May serve as a docking site in the receptor-mediated import of substrates across the nuclear pore complex.
Tissue specificity	Expressed in thymus, spleen, bone marrow, kidney, brain and testis, but hardly in all other tissues or in whole embryos during development.
Involvement in disease	<p>Note=A chromosomal aberration involving NUP214 is found in a subset of acute myeloid leukemia (AML); also known as acute non-lymphocytic leukemia. Translocation t(6;9)(p23;q34) with DEK. It results in the formation of a DEK-CAN fusion gene.</p> <p>Note=A chromosomal aberration involving NUP214 is found in some cases of acute undifferentiated leukemia (AUL). Translocation t(6;9)(q21;q34.1) with SET.</p>
Domain	Contains FG repeats.
Post-translational modifications	Probably glycosylated as it reacts with wheat germ agglutinin (WGA).
Cellular localization	Nucleus > nuclear pore complex. Cytoplasmic filaments.

Images



12.5% SDS-PAGE analysis of ab152837 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human NUP214 protein
(ab152837)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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