

Product datasheet

Recombinant Human NACA2 protein ab166299

1 Image

Overview

Product name	Recombinant Human NACA2 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	ASDAYVFGAEAKIQDLSQQAQLAAAEKFRVQGEAVGNI QENTQTPTVQEE SEEEVEDETGVKDKLVMSQANVSRKAVRALKN NSNDIVNAIMELTV
Amino acids	116 to 215
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab166299** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

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

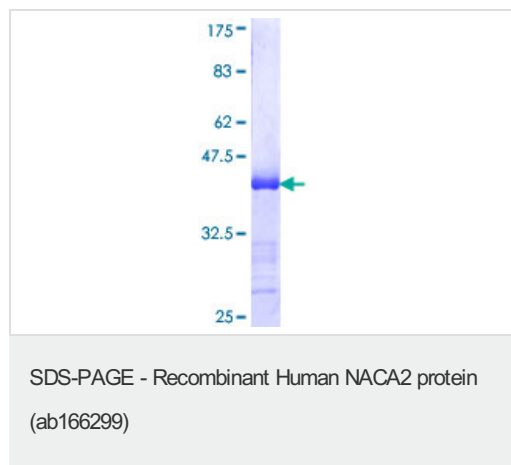
Relevance

NACA2, Nascent polypeptide associated complex subunit alpha 2, prevents inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER) by binding to nascent polypeptide chains as they emerge from the ribosome and blocking their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. NACA2 also reduces the inherent affinity of ribosomes for protein translocation sites in the ER membrane (M sites).

Cellular localization

Cytoplasmic and Nuclear

Images



ab166299 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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