

Product datasheet

Recombinant Human NANS protein ab88843

Overview

Product name	Recombinant Human NANS protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Saccharomyces cerevisiae

Amino Acid Sequence

Species	Human
Sequence	MPLLELELCPRWVGGQHPCFIAEIGQNHQGDLDVAKRMIRMAKECGADC AKFQKSELEFKFNKALERPYSKHSWGKTYGEHKRHLEFSDQYREL QR YAAEVGIFFTASGMDEMAVEFLHELNVPPFKVGS GDTNNFPYLEKT AKKG RPMVISSGMQSM DTMKQVYQIVKPLNPNFCFLQCTSA YPLQPED VNLRVI SEYQKLFPDIPIGYSGHETGIAISVAAVALGAKVLERHITLD KTKWGS DH SASLEPGELAE LVRVRLVERALGSPTKQLLPCEMACNEK LGKSVVAKVK IPEGTILMDMLTVKVGEPKGYPPEDIFNLVGKKVLVT VEEDDTIMEELV DNHGKKIKS

Specifications

Our [Abpromise guarantee](#) covers the use of **ab88843** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
------------------------------	--

Preservative: None

Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5

General Info

Function	Produces N-acetylneuraminic acid (Neu5Ac) and 2-keto-3-deoxy-D-glycero-D-galacto-nononic acid (KDN). Can also use N-acetylmannosamine 6-phosphate and mannose 6-phosphate as substrates to generate phosphorylated forms of Neu5Ac and KDN, respectively.
Tissue specificity	Ubiquitous.
Sequence similarities	Contains 1 AFP-like domain.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors