

Product datasheet

Recombinant Human NANS protein ab172825

Description

Product name	Recombinant Human NANS protein	
Purity	<p>> 95 % SDS-PAGE.</p> <p>Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. Supplied as a 0.2 µM filtered solution.</p>	
Endotoxin level	< 1.000 Eu/µg	
Expression system	Escherichia coli	
Accession	Q9NR45	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre> MGSSHHHHHSSGLVPRGSHMPLELELCPGRWVGGQH PCFIIAEIGQNHQ GDLDVAKRMIRMAKECGADCAKFQKSELEFKFNRKALDR PYTSKHSWGKT YGEHKRHLEFSDQYRELQRYAEEVGIFFTASGMDEMAV EFLHELNVFFF KVGSGDTNNFPYLEKTAKKGRPMVISSGMQSM DTMKQVY QVKPLNPFC FLQCTSA YPLQPEDVNLRVISEYQKLPDIPIGYSGHETGIAI SVAVAL GAKVLERHITL DKTWK GSDHSASLEPGELAE LVR SVRLVE RALGSPTKQL LPCEMACNEKLGKSVVAKVKIPEGTIL TMDMLTVKVGEPK GYPPEDIFNL VGKKVLVTVEEDDTIMEELVDNHGKKIKS </pre>	
Predicted molecular weight	40 kDa	
Amino acids	1 to 359	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab172825** in the following tested applications.

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

Applications	HPLC SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.24% Tris, 0.58% Sodium chloride
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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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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