Recombinant Human NSMase2 protein ab112416

**Product name**
Recombinant Human NSMase2 protein

**Biological activity**
useful for Antibody Production and Protein Array

**Expression system**
Wheat germ

**Accession**
Q9NY59

**Protein length**
Full length protein

**Animal free**
No

**Nature**
Recombinant

**Species**
Human

**Predicted molecular weight**
98 kDa including tags

**Amino acids**
1 to 655

**Applications**
SDS-PAGE
Western blot
ELISA

**Form**
Liquid

**Additional notes**
Best use within three months from the date of receipt of this protein.useful for Antibody Production and Protein Array

**Stability and Storage**
Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.79% Tris HCl, 0.31% Glutathione

Note: (Glutathione is reduced)

**Specifications**
Our Abpromise guarantee covers the use of ab112416 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Preparation and Storage**

**General Info**
**Function**  
Catalyzes the hydrolysis of sphingomyelin to form ceramide and phosphocholine. Ceramide mediates numerous cellular functions, such as apoptosis and growth arrest, and is capable of regulating these 2 cellular events independently. Also hydrolyzes sphingosylphosphocholine. Regulates the cell cycle by acting as a growth suppressor in confluent cells. Probably acts as a regulator of postnatal development and participates in bone and dentin mineralization.

**Tissue specificity**  
Predominantly expressed in brain.

**Sequence similarities**  
Belongs to the neutral sphingomyelinase family.

**Developmental stage**  
Up-regulated during G0/G1 phases.

**Cellular localization**  

**Images**  
12.5% SDS-PAGE stained with Coomassie Blue.

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

**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

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