

Recombinant Human NSMAF 293 Cell Lysate

Cat. No. NSMAF-3686HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for neutral sphingomyelinase (N-SMase) activation associated factor (NSMAF), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

NSMAF neutral sphingomyelinase (N-SMase) activation associated factor [Homo sapiens]

Official Symbol

NSMAF

Synonyms

NSMAF; neutral sphingomyelinase (N-SMase) activation associated factor; protein FAN; FAN; factor associated with N-SMase activation; factor associated with neutral sphingomyelinase activation;

Gene ID

8439

mRNA Refseq

NM_001144772

Protein Refseq

NP_001138244

MIM

603043

UniProt ID

Q92636

Chromosome Location

8q12-q13

Pathway

TNF receptor signaling pathway, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;

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Function

protein binding; receptor signaling protein activity;

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