

Sphingomyelin Phosphodiesterase 3 Recombinant Protein | SMPD3 recombinant protein

Recombinant Sphingomyelin Phosphodiesterase 3 (SMPD3)

CATALOG # AAA150290	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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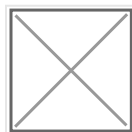
PRODUCT SYNONYMS

Sphingomyelin Phosphodiesterase 3; Recombinant Sphingomyelin Phosphodiesterase 3 (SMPD3); NSMASE2; Neutral Sphingomyelinase II; SMPD3 recombinant protein

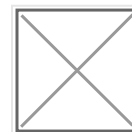
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Applicable Applications for SMPD3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp415~Glu652
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	4.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

ADDITIONAL INFORMATION

Product Categories/Family for SMPD3 recombinant protein	Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10946902
NCBI GeneID	58994
NCBI Accession #	NP_067466.1
NCBI GenBank Nucleotide #	NP_067466.1
UniProt Accession #	Q9JJY3
Molecular Weight	Predicted Molecular Mass: 30.1kDa Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	sphingomyelin phosphodiesterase 3
NCBI Official Synonym Full Names	sphingomyelin phosphodiesterase 3, neutral
NCBI Official Symbol	Smpd3
NCBI Official Synonym Symbols	fro; nSMase2; AI427456; AW537966; 4631433G07Rik
NCBI Protein Information	sphingomyelin phosphodiesterase 3
UniProt Protein Name	Sphingomyelin phosphodiesterase 3
UniProt Gene Name	Smpd3
UniProt Synonym Gene Names	nSMase-2; nSMase2
UniProt Entry Name	NSMA2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/smpd3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150290>