

Acid Sphingomyelinase (ASM) Recombinant Protein | ASM recombinant protein

Recombinant Acid Sphingomyelinase (ASM)

CATALOG # AAA135525	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

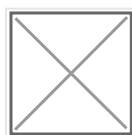
Acid Sphingomyelinase (ASM); Recombinant Acid Sphingomyelinase (ASM); ASM recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for ASM recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	His321~Pro581
Tags	N-terminal His Tag
Subcellular Location	Lysosome
Traits	Freeze-dried powder
Predicted isoelectric point	6.6
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

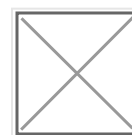
IMAGES

SDS-PAGE



Gene Sequence

Gene Sequencing (extract



Sequence



NCBI AND UNIPROT INFORMATION

NCBI GI #	56117840
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NCBI GeneID	6609
NCBI Accession #	NP_000534.3
NCBI GenBank Nucleotide #	NM_000543.4
UniProt Accession #	P17405; P17406; Q13811; Q16837; Q16841; A8K8M3; E9PKS3
Molecular Weight	Predicted Molecular Mass: 33.8kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	sphingomyelin phosphodiesterase isoform 1
NCBI Official Synonym Full Names	sphingomyelin phosphodiesterase 1, acid lysosomal
NCBI Official Symbol	SMPD1
NCBI Official Synonym Symbols	ASM; NPD; ASMASE
NCBI Protein Information	sphingomyelin phosphodiesterase; acid sphingomyelinase
UniProt Protein Name	Sphingomyelin phosphodiesterase
UniProt Gene Name	SMPD1
UniProt Synonym Gene Names	ASM; aSMase
UniProt Entry Name	ASM_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/smpd1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135525>