

Eukaryotic Acid Sphingomyelinase (ASM) Protein | ASM protein

Eukaryotic Acid Sphingomyelinase (ASM)

CATALOG # AAA153210	HOST 293F Cell	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Eukaryotic Acid Sphingomyelinase (ASM); Acid Sphingomyelinase; ASM recombinant protein (eukaryotic; 293F Cell); Mouse; SMPD1; NPD; SMase; aSMase; Sphingomyelin Phosphodiesterase 1; Acid Lysosomal; Simply Sphingomyelinase; ASM protein

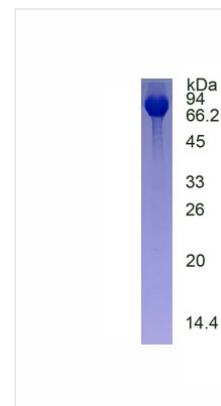
PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 5% Trehalose. Freeze-dried powder
Sequence Positions	Tyr58~Leu626
Applicable Applications for ASM protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Eukaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.9
Subcellular Location	Secreted
Research Area	Enzyme & Kinase
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

YPLPSEGHVKSATAPLQSAFGAQLTCTPAKVLFTALNHGLKKEPNWVGVSAIKICKNLNAPLDVCQSAVHLFEDDVEVHT
RSVLSPEACGLLLGSSCGMDIFSTNINISLPSVKKPPKPPSPAPGAPVSRVFLTLHAGHEYLEGTDPYCADPLCCRRGSGAPP
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VNGFPFPFKGQSSQNLVEAMAKANEPLPADALHTLREGGFVALTPRGLRLISUNWFCSENHLLINSTOPAGLOLNLVEELO
AAENRGDKVHIIGHIPPGHCLKSISMYIKI IARYENTLAGQFQTHWDEFIFYDEETLSRPLAVAFAPSATTFINLNPQVRVQ
IDQWYPCSSHVLQDHEYYLLNLQMAAGGTPSKRLYRARETYGLPDAMPASNNILVYRRBDEQLFQTFHFLYHKGHPPEPCGTP
CRLATLCAQLSARADSPALCNLHPNGSLPDANRLWSRPLL

Amino Acid Info
Amino Acid info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for ASM protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755582
NCBI GeneID	20597
NCBI Accession #	NP_035551.1
NCBI GenBank Nucleotide #	NM_011421.2
UniProt Accession #	Q04519; Q3UL52
Molecular Weight	69,927 Da
NCBI Official Full Name	sphingomyelin phosphodiesterase
NCBI Official Synonym Full Names	sphingomyelin phosphodiesterase 1, acid lysosomal
NCBI Official Symbol	Smpd1
NCBI Official Synonym Symbols	ASM; aSMase; A-SMase; Zn-SMase
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_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/293f-cell-protein/eukaryotic-acid-sphingomyelinase-asm/153210>