

Active Recombinant Human ASAH2, His-tagged

Cat. No. ASAH2-284H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASAH2 (Accession # AAF86240) Thr15-Ile761, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	15-761 a.a.
Predicted N Terminal	His
Form	Supplied as a 0.2 µ filtered solution in MES, NaCl and Sodium Cholate.
Bio-activity	Measured by its ability to hydrolyze the substrate C12:0 ceramide into sphingosine and dodecanoic acid. The specific activity is >5,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human ASAH2, His-tagged has a calculated MW of 83 kDa. In SDS-PAGE migrates as 132 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name [ASAH2 N-acylsphingosine amidohydrolase \(non-lysosomal ceramidase\) 2 \[Homo sapiens \]](#)

Official Symbol [ASAH2](#)

Synonyms [ASAH2; N-acylsphingosine amidohydrolase \(non-lysosomal ceramidase\) 2; neutral ceramidase; mitochondrial ceramidase; non-lysosomal ceramidase; acylsphingosine deacylase 2; neutral/alkaline ceramidase; N-acylsphingosine amidohydrolase 2; HNAC1; BCDase; LCDase; NCDase; N-CDase;](#)

Gene ID [56624](#)

mRNA Refseq [NM_001143974](#)

Protein Refseq [NP_001137446](#)

MIM [611202](#)

UniProt ID [Q9NR71](#)

Chromosome Location [10q11.23](#)

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