

Recombinant Human NAAA protein, His-tagged

Cat. No. NAAA-1296H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NAAA aa. (Asp112~Lys359 (Accession # Q02083) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp112~Lys359
Description	This gene encodes an N-acylethanolamine-hydrolyzing enzyme which is highly similar to acid ceramidase. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.4kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.5.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	NAAA N-acylethanolamine acid amidase [Homo sapiens (human)]
Official Symbol	NAAA
Synonyms	NAAA; N-acylethanolamine acid amidase; PLT; ASAH; N-acylethanolamine-hydrolyzing acid amidase; ASAH-like protein; acid ceramidase-like protein
Gene ID	27163
mRNA Refseq	NM_001042402.1
Protein Refseq	NP_001035861.1
UniProt ID	Q02083

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