

Recombinant Bovine AASS, His-tagged

Cat. No. AASS-3340B Lot. No. (See product label)

SPECIFICATION

Product Overview	Alpha-aminoadipic semialdehyde synthase, mitochondrial (AASS)
Species	Bovine
Source	E.Coli/Yeast
ProteinLength	926
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of AASS recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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GENE INFORMATION

Gene Name	AASS aminoadipate-semialdehyde synthase [Bos taurus]
Official Symbol	AASS
Synonyms	alpha-aminoadipic semialdehyde synthase, mitochondrial; LKR/SDH
Gene ID	522269
mRNA Refseq	NM_001109797
Protein Refseq	NP_001103267
UniProt ID	A8E657
Chromosome Location	chromosome: 4
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, lysine =>saccharopine =>acetoacetyl-CoA, organism-specific biosystem
Function	saccharopine dehydrogenase (NAD ⁺ , L-glutamate-forming) activity; saccharopine dehydrogenase (NADP ⁺ , L-lysine-forming) activity

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