Recombinant Rat Aass, His-tagged

Cat. No. Aass-3339R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alpha-aminoadipic semialdehyde synthase, mitochondrial (Aass)
Species	Rat
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 [Rattus norvegicus]
Official Symbol	Aass
Synonyms	AASS; aminoadipate-semialdehyde synthase; alpha-aminoadipic semialdehyde synthase, mitochondrial; LKR/SDH;
Gene ID	296925
mRNA Refseq	NM_001100963
Protein Refseq	NP_001094433
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem; Lysine degradation, lysine =>saccharopine => acetoacetyl-CoA, organism-specific biosystem; Lysine degradation, lysine => saccharopine =>
Function	molecular_function; nucleotide binding; oxidoreductase activity; saccharopine dehydrogenase (NAD+, L-glutamate-forming) activity; saccharopine dehydrogenase (NAD+, L-glutamate-forming) activity; saccharopine dehydrogenase (NADP+, L-lysine-forming) activity; saccharopine dehydrogenase (NADP+, L-lysine-forming) activity;

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