

Recombinant Mouse Acmsd Protein, His-tagged

Cat. No. Acmsd-41M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Acmsd Protein (Met1-Glu336) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Glu336
Description	Predicted to enable aminocarboxymuconate-semialdehyde decarboxylase activity and zinc ion binding activity. Predicted to be involved in several processes, including aging; negative regulation of quinolinate biosynthetic process; and tryptophan catabolic process. Predicted to act upstream of or within quinolinate metabolic process. Predicted to be active in cytosol. Orthologous to human ACMSD (aminocarboxymuconate semialdehyde decarboxylase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.7 kDa Accurate Molecular Mass: 42 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	Acmsd amino carboxymuconate semialdehyde decarboxylase [Mus musculus (house mouse)]
Official Symbol	Acmsd
Synonyms	ACMSD; amino carboxymuconate semialdehyde decarboxylase; 2-amino-3-carboxymuconate-6-semialdehyde decarboxylase; picolinate carboxylase
Gene ID	266645
mRNA Refseq	NM_001033041
Protein Refseq	NP_001028213
UniProt ID	Q8R519