

Recombinant mouse ACOX1 protein, C-His

Catalog Number: bs-42132P

Concentration: >0.5mg/ml

AA Seq: 386-661/661

Predicted MW: 31.8

Tags: C-His

Activity: Not tested

Purity: >90% as determined by SDS-PAGE

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0) with 8M Urea.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Defects in ACOX1 are the cause of adrenoleukodystrophy pseudoneonatal (Pseudo-NALD); also known as peroxisomal acyl-CoA oxidase deficiency. Pseudo-NALD is a peroxisomal single-enzyme disorder. Clinical features include mental retardation, leukodystrophy, seizures, mild hepatomegaly, hearing deficit. Pseudo-NALD is characterized by increased plasma levels of very-long chain fatty acids, due to decreased or absent peroxisome acyl-CoA oxidase activity. Peroxisomes are intact and functioning.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.