

产品说明书

Product Specification

产品名称	Acyl-CoA oxidase(ACO)
Product Name	
货号	CSB-DE007
Catalog Number	
产品形态	Yellow powder, lyophilized
Formation	
来源	Recombinant
Source	
EC 编号	EC 1.3.3.6
EC Number	
CAS 编号	61116-22-1
CAS Number	
存储条件	Store at $\leq -20^{\circ}\text{C}$
Storage	
有效期	-20°C for 18 months
Valid Period	
分子量	77 kDa (SDS-PAGE)
Molecular weight	
最适 pH	8.5
Optimum pH	
最适温度	$37-40^{\circ}\text{C}$
Optimum temperature	
pH 稳定性	6.0~8.5 (25°C , 15hr)
pH Stability	
热稳定性	$< 45^{\circ}\text{C}$ (pH 7.5, 15min)
Thermal stability	
抑制剂	Ag^{+} , Hg^{2+} , Zn^{2+} , Cu^{2+} , Ni^{2+}
Inhibitors	
比活	$\geq 30 \text{ U/mg-protein}$
Specific activity	
活性定义	One unit will convert one micromole of Acyl-CoA to trans-2,3-dehydroacyl-CoA per min at pH 7.5 at 37°C .
Unit definition	
运用	This enzyme has useful applications in the free fatty acids in blood.
Application	