

产品说明书

Product Specification

产品名称	Creatine amidinohydrolase(CRH)
Product Name	
货号	CSB-DE019
Catalog Number	
产品形态	White powder, lyophilized
Formation	
来源	Recombinant
Source	
EC 编号	EC 3.5.3.3
EC Number	
CAS 编号	37340-58-2
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	30 kDa (SDS-PAGE)
Molecular weight	
最适 pH	7—9
Optimum pH	
最适温度	50°C
Optimum temperature	
pH 稳定性	5.0~10.5 (25°C , 16hr)
pH Stability	
热稳定性	$< 50^{\circ}\text{C}$ (pH 7.5, 30min)
Thermal stability	
抑制剂	Ag^{+} , Hg^{2+} , Cu^{2+}
Inhibitors	
比活	≥ 20 U/mg-protein
Specific activity	
活性定义	One unit causes the formation of one micromole of sarcosine per min at pH 7.5 at 37°C .
Unit definition	
运用	This enzyme is useful for enzymatic determination of creatine and creatinine when coupled with creatinine amidohydrolase, sarcosine dehydrogenase or sarcosine oxidase and formaldehyde dehydrogenase in clinical analysis.
Application	