

FABP3 Human, Fatty Acid Binding Protein 3 Human Recombinant Protein, His Tag

Catalog Number: PROTP05413-1

Introduction

Recombinant Fatty Acid Binding Protein is a newly introduced plasma marker of acute myocardial infarction (AMI). The plasma kinetics of FABP (15kD) closely resemble those of myoglobin in that elevated plasma concentrations are found within 2 hours after AMI and return to normal generally within 18 to 24 hours. But the concentration of FABP in the skeletal muscle is 20 times lower than in cardiac tissue (for myoglobin the same content for cardiac and skeletal tissue), that makes FABP to be more cardiac specific than myoglobin. This makes FABP a useful biochemical marker for the early assessment or exclusion of AMI. FABP also appears to be a useful plasma marker for the estimation of myocardial infarct size.

Overview

Product Name	FABP3 Human, Fatty Acid Binding Protein 3 Human Recombinant Protein, His Tag
Description	FABP3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 133 amino acids and having a molecular mass of 19.1 kDa. FABP3 is fused to a 37 amino acid His tag at N-terminus and purified by standard chromatography techniques.
Size	5ug, 25ug, 1mg
Tag	
Form	Sterile Filtered colorless liquid formulation.
Source	E. Coli
Formulation	FABP3 His-Tag is supplied in 20mM Tris-HCl pH 8.0 and 10% glycerol.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

Greater than 95% as determined by SDS-PAGE.

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Usage

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