

Product: Glycogen Phosphorylase (GPBB), human, recombinant
Catalog #: 12-4323
Amount: 20 µg

DESCRIPTION: Recombinant human Glycogen Phosphorylase (rHuGPBB)
GPBB - a sensitive marker for the AMI diagnosis within 4 hours after the onset of chest pain. It has also been shown that GPBB is increased in a considerable proportion of AMI patients within 2-3 hours from chest pain onset. GPBB is increased early in patients with unstable angina. GPBB can also be a sensitive marker for the detection of peri-operative myocardial ischaemia and infarction in patients undergoing coronary artery bypass grafting.
rHuGPBB is a single, non-glycosylated, polypeptide chain having a molecular mass of 97 kDa.

SOURCE: *Escherichia coli* expression system

PURITY: > 85%, as determined by:
(a) Analysis by RP-HPLC and anion-exchange FPLC
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

ENDOTOXIN: Less than 0.1 ng/µg (IEU/µg) of rHuGPBB

DIMERS & AGGREGATES: Less than 1% as determined by silver stained SDS-PAGE gel analysis

APPLICATION: Immunoassay and Western Blot

FORM: Purified, in 50% glycerol

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

BIOLOGICAL ACTIVITY: rSAK is fully biologically active when compared to standard.
The biological activity measured by the ability of fibrin lysis in agarose plate was found to be 4600IU/mg.

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