

Product: Fast Skeletal Troponin I, human
Catalog #: 12-4421
Amount: 5 µg

DESCRIPTION: Recombinant human fast skeletal Troponin I (rHufsTnI)
Skeletal isoforms of Troponin I were suggested to be used as markers of acute and chronic skeletal muscle injuries. In skeletal muscles Troponin I is presented by two forms, slow (21,6 kDa) and fast (21,2 kDa) skeletal.

SOURCE: *Escherichia coli*

PURITY: > 95%, as determined by:
(a) Analysis by RP-HPLC.
(b) Anion-exchange FPLC
(c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

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

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

PROTEIN CONTENT: Protein quantitation was carried out by 2 independent methods:
- UV spectroscopy at 280 nm
- Analysis by RP-HPLC

FORM: Purified, in 50% glycerol

APPLICATION: Immunoassays
Immunoblotting (western)

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

BIOLOGICAL ACTIVITY: HuFactorIX is fully biologically active when compared to standards.
The potency per mg was tested and found to be 167IU/mg

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