



DataSheet

CATALOGUE #: 8ICR3

PRODUCT NAME: Recombinant human cardiac troponin IC complex

Source: Expressed in *E. coli*
Constructed from recombinant proteins

Applications: Standard for the detection of cTnI by immunoassays

Analysis: Purity >95% (SDS-PAGE and gel-scanning)
Concentration is determined by spectrophotometry at A280 using extinction coefficient 0.55 for cTn IC-complex containing 1 mg/ml of cTnI

Presentation: 50 mM Tris-HCl buffer, pH 7.5, containing 700 mM KCl, 5 mM CaCl₂ and 0.1% 2-mercaptoethanol

Storage: -70 °C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after the first thawing.
Product should not be stored unfrozen.
The concentration is given as concentration of cTnI.

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.