Datasheet

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CATALOGUE #: 8NT2

PRODUCT NAME:	Human recombinant NT-proBNP (amino terminal human brain natriuretic peptide precursor)
Source:	Expressed in <i>E.coli</i>
Application:	Calibrator or standard in immunoassays, immunogen for antibody production.
Analysis:	Purity > 95 % (Tricine-SDS-PAGE).
	Concentration is determined spectrophotometrically.
	Immunoreactivity is confirmed by reaction with monoclonal antibodies specific to different fragments of NT-proBNP molecule.
	Predicted molecular mass 8589 Da confirmed by MALDI-MS.
	Recombinant human NT-proBNP contains additional methionine residue at the N-terminus (in comparison with native NT-proBNP).
Purification:	Immunoaffinity purification followed by ion-exchange chromatography.
Presentation:	10 mM potassium phosphate, pH 7.4, 150 mM NaCl.
Storage:	-70 °C (-6580 °C allowed)
Other information:	Avoid repeated freezing and thawing. It is recommended to aliquot the product after the first thawing.
	To prepare diluted samples of NT-proBNP it is recommended to use buffer solutions containing carrier protein and detergent (e.g. 0.05 M Tris-HCI, pH 7.8, 0.15 M NaCI, 0.01 % Tween 40, 0.5 % bovine serum albumin).
Material safety note:	This product is sold for research or further manufacturing use only . Standard Laboratory Practices should be followed when handling this material.



SCIENTIFIC EXCELLENCE FOR IVD

HYTEST LTD

Intelligate 1, 6th floor, Joukahaisenkatu 6 • FI-20520 Turku, FINLAND Tel. +358 2 512 0900 • E-mail: hytest@hytest.fi • **HYTEST.FI**