Datasheet

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CATALOGUE #: 8HTS7

PRODUCT NAME: Thyroid stimulating hormone, human, recombinant

Source: Expressed in a mammalian cell line

Description: Human TSH is a heterodimeric glycoprotein consisting of two non-covalently linked subunits, an alpha

subunit (92 amino acid residues, aar) and a beta subunit (118 aar).

Recombinant human TSH is produced by co-expression of the alpha (UniProt P01215) and beta

(UniProt P01222) subunits of TSH.

Does not contain tags.

Applications: Calibrator or standard in immunoassays. Biological activity has not been determined.

Analysis: Purity >95% (SDS-PAGE in non-reducing conditions)

Product may contain free beta subunit

Concentration is determined spectrophotometrically

Purification: Affinity chromatography

Presentation: Lyophilized from 10 mM KH2PO4, pH 7.4, 150 mM NaCl, 100 mM D-mannitol, 0.1 % CHAPS

It is recommended to reconstitute this product with deionized water to its initial concentration.

Storage: Lyophilized at -20 °C (-15 ... -30 °C allowed)

Reconstituted at -70 °C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.

It is recommended to use 10 mM KH2PO4, pH 7.4, 150 mM NaCl, 100 mM D-mannitol, 0.1 % CHAPS,

to prepare diluted samples.

Material This product is sold for research or further manufacturing use only. Standard Laboratory Practices

safety note: should be followed when handling this material.

