

Human DHFR protein, His tag (active)

Cat. No. GTX66969-pro
Applications Functional Assay

Species Human

Package

100 µg

Applications

Application Note

Specific activity is > 3500 pmol/min/µg, and is defined as the amount of enzyme that converts 1.0 pmole of dihydrofolic acid to tetrahydrofolic acid per minute at pH 6.5 at 25°C.

Properties

Form Liquid

Buffer 20mM Tris-HCl, 100mM NaCl, 30% Glycerol, 2mM DTT

Preservative No preservatives

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Concentration 1 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence Full length protein, N-terminal His-Tag; Length: 207 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MVGSLNCIVA VSQNMIGIGKN GDLPPWPLRN EFRYFQRM TT TSSVEGKQNL VIMGKKTWFS IPEKNRPLKG RINLVLSREL KEPPQGAHFL SRSLLDALKL TEQPELANKV DMVWIVGGSS VYKEAMNHPG HLKLFVTRIM QDFESDTFFP EIDLEKYKLL PEYPGVLSDV QEEKGIKYKF EVYEKND

Expression System E. coli

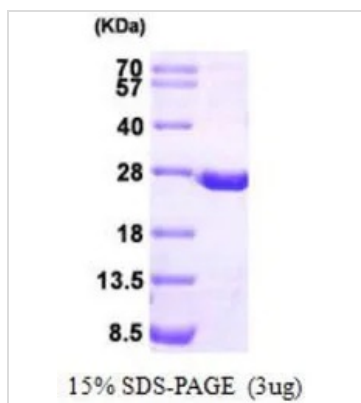
Purity > 95% by SDS-PAGE.

Conjugation Unconjugated

Note For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.


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DATA IMAGES



GTX66969-pro Image

3 μ g of GTX66969-pro Human DHFR protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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