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Datasheet for ABIN2128904

Dihydrofolate Reductase Protein (DHFR)

Overview

Quantity:	100 µg
Target:	Dihydrofolate Reductase (DHFR)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	SDS-PAGE (SDS)

Product Details

Purity: > 95 % pure

Target Details

Target:	Dihydrofolate Reductase (DHFR)
Alternative Name:	DHFR (DHFR Products)
Molecular Weight:	23.6 kDa (207aa), confirmed by MALDI-TOF.
Pathways:	Mitotic G1-G1/S Phases

Application Details

Comment: Biological activity: Specific activity is 1.5 - 2.5 units/mL and was obtained by measuring the oxidation of NADPH in absorbance at 340 nm during reaction. One unit will convert 1.0 umole of 7,8 dihydrofolate and beta-NADPH to 5,6,7,8-tetrahydrofolate and beta-NADP per minute at

Application Details

pH 6.5 at 25 DEg C.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 0.1M NaCl, 2 mM DTT, and 30 % glycerol.

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C/-80 °C
