

Datasheet for ABIN2128905
Dihydrofolate Reductase Protein (DHFR)



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Overview

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

Product Details

Purity:	> 95 % pure
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Target Details

Target:	Dihydrofolate Reductase (DHFR)
Alternative Name:	DHFR (DHFR Products)
Molecular Weight:	23.8 kDa (207aa), confirmed by MALDI-TOF
Pathways:	Mitotic G1-G1/S Phases

Application Details

Comment:	Biological activity: Specific activity is > 0.2 units/mg, in which one unit will convert 1.0 umole of 7,8 -dihydrofloate and beta-NADPH to 5,6,7,8-tetrahydrofloate and beta-NADP per min at pH 6.5 at 25C
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Application Details

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 10 % glycerol, 2 mM DTT and 0.1M NaCl.

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