

Datasheet for ABIN934559 Folic Acid Protein (FA)



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Overview

Quantity:	1 g
Target:	Folic Acid (FA)
Origin:	Chemical
Source:	Synthetic
Protein Type:	Synthetic

Product Details

Characteristics:	Purified Recombinant Folic Acid protein Host: Pteroylglutamic Protein Source: Pteroylglutamic acid
Purity:	> 98 % pure

Target Details

Target:	Folic Acid (FA)
Alternative Name:	Folic Acid (FA Products)
Target Type:	Chemical

Background: Folic acid (also known as vitamin B9, vitamin Bc or folacin) and folate (the naturally occurring form), as well as pteroyl-L-glutamic acid, pteroyl-L-glutamate, and pteroylmonoglutamic acid are forms of the water-soluble vitamin B9. Folic acid is itself not biologically active, but its biological importance is due to tetrahydrofolate and other derivatives after its conversion to dihydrofolic acid in the liver. Vitamin B9 (folic acid and folate inclusive) is essential to numerous bodily functions. The human body needs folate to synthesize DNA, repair DNA, and methylate

Target Details

DNA as well as to act as a cofactor in biological reactions involving folate. It is especially important in aiding rapid cell division and growth, such as in infancy and pregnancy, as well as in feeding some cancers.

Description: Pteroylglutamic acid.

Alternative Names: Pteroyl-L-glutamic acid protein, Vitamin M, PteGlu protein

Molecular Weight: 441.4 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Supplied as a lyophilized powder. Water content 8.4 %.

Handling Advice: Keep away from light.

Storage: 4 °C

Storage Comment: Store at 4 °C.
