

Monofunctional C1-tetrahydrofolate synthase, mitochondrial

Catalog No: #AP78955

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Package Size: #AP78955-1 50ug #AP78955-2 100ug #AP78955-3 1mg

Description

Product Name	Monofunctional C1-tetrahydrofolate synthase, mitochondrial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	130-274aa
Other Names	FTHFSDC1,Formyltetrahydrofolate synthetase
Accession No.	Q6UB35Gene name:MTHFD1L
Uniprot	Q6UB35
GeneID	25902;
Calculated MW	15.95
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

May provide the missing metabolic reaction required to link the mitochondria and the cytoplasm in the mammalian model of one-carbon folate metabolism in embryonic an transformed cells complementing thus the enzymatic activities of MTHFD2.

References

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Note: This product is for in vitro research use only