antibodies

Datasheet for ABIN2726508 MTHFD2 Protein (Myc-DYKDDDDK Tag)





Overview

Overview	
Quantity:	20 µg
Target:	MTHFD2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTHFD2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human MTHFD2 protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	MTHFD2
Alternative Name:	Mthfd2 (MTHFD2 Products)
Background:	This gene encodes a nuclear-encoded mitochondrial bifunctional enzyme with
	methylenetetrahydrofolate dehydrogenase and methenyltetrahydrofolate cyclohydrolase
	activities. The enzyme functions as a homodimer and is unique in its absolute requirement for
	magnesium and inorganic phosphate. Formation of the enzyme-magnesium complex allows
	binding of NAD. Alternative splicing results in two different transcripts, one protein-coding and
	singling of the structure splicing results in two different transcripts, one protein county and

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	the other not protein-coding. This gene has a pseudogene on chromosome 7.
Molecular Weight:	34.7 kDa
NCBI Accession:	NP_006627
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production

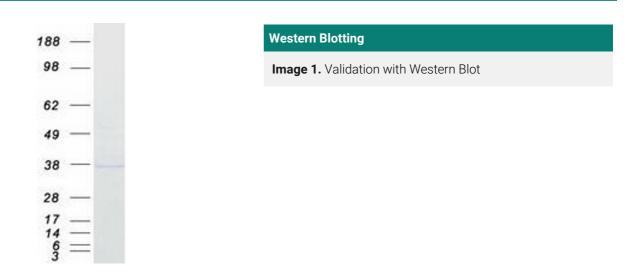
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.

Images



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