

PRODUCT INFORMATION

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| Target | MTHFS |
| Synonyms | HsT19268; NEDMEHM |
| Description | Recombinant protein of human 5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase) (MTHFS) |
| Delivery | 2-3 weeks |
| Uniprot ID | P49914 |
| Expression Host | HEK293T |
| Tag | C-Myc/DDK |
| Molecular Characterization | N/A |
| Molecular Weight | 23.1 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Formulation & Reconstitution | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol |
| Storage & Shipping | Store at -80°C. |
| Background | The protein encoded by this gene is an enzyme that catalyzes the conversion of 5-formyltetrahydrofolate to 5,10-methenyltetrahydrofolate, a precursor of reduced folates involved in 1-carbon metabolism. An increased activity of the encoded protein can result in an increased folate turnover rate and folate depletion. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2011] |
| Usage | Research use only |
| Conjugate | Unconjugated |

