

## PRODUCT SPECIFICATION

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|--------------------------|---|
| Product Name             | PrEST Antigen MTHFR   |
| Product Number           | APrEST90023   |
| Gene Description         | methylenetetrahydrofolate reductase (NAD(P)H)   |
| Corresponding Antibodies | HPA063389   |
| Description              | Recombinant protein fragment of Human MTHFR   |
| Amino Acid Sequence      | GYHSLRQLVKLSKLEVPQEIKDVIEPIKDNDAAIRNYGIELAVSLCQELL<br>ASGLVPGLHFYTLNREMATTEVLKRLGMWTEPPRRPLPWALSAHPKRREE<br>DVRPIFWASRPKSYIYRTQEWDEFNPNRWNSSSPA |
| Fusion Tag               | N-terminal His <sub>6</sub> ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)  |
| Expression Host          | <i>E. coli</i>  |
| Purification             | IMAC purification   |
| Predicted Mw             | 33 kDa including tags   |
| Usage                    | Suitable as control in WB and preadsorption assays using indicated corresponding antibodies.  |
| Purity                   | >80% by SDS-PAGE and Coomassie blue staining  |
| Buffer                   | PBS and 1M Urea, pH 7.4.  |
| Unit Size                | 100 µl  |
| Concentration            | Lot dependent   |
| Storage                  | Upon delivery store at -20°C. Avoid repeated freeze/thaw cycles.  |
| Notes                    | Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.                             |

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