

## PRODUCT SPECIFICATION

|                        |   |
|------------------------|---|
| Product Name           | PrEST Antigen MESP1   |
| Product Number         | APrEST92903   |
| Gene Description       | mesoderm posterior bHLH transcription factor 1  |
| Alternative Gene Names | bHLHc5, MGC10676  |
| Description            | Recombinant protein fragment of Human MESP1   |
| Amino Acid Sequence    | Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence:<br>ACPEGQAMEPSPSPLLPGDVLALLE                    |
| 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           | 20 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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