

## Product Datasheet

### Human ME3 protein (orb604886)

|                          |  |
|--------------------------|--|
| <b>Description</b>       | Recombinant Human NADP-dependent malic enzyme, mitochondrial(ME3),partial  |
| <b>Endotoxins</b>        | Not test.  |
| <b>Preservatives</b>     | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.   |
| <b>Form/Appearance</b>   | Liquid or Lyophilized powder   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Tag</b>               | N-terminal 6xHis-tagged  |
| <b>Note</b>              | For research use only  |
| <b>Application notes</b> | Partial  |
| <b>Protein Sequence</b>  | RWTPTAPAQGCHSKPGPARPVPLKKRGYDVTRNPHLNKGMMAFTLEERLQLGIHG<br>LIPPCFLSQDVQLLRIMRYERQQSDLDKYIILMTLQDRNEKLFYRVLTSQDVEKFM<br>PIVYTPTVGLACQHYGLTFRPRGLFITIHDKGHLATMLNSWPEDNIKAVVVTGDG<br>ERILGLGDLGCGYGMGIPVGLALYTACGGVNPQQCLPVLLDVGTNNEELLRDPLY<br>IGLKHQRVHGKAYDDLDEFMQAVTDKFGINCLIQFEDFANANAFRLNKNYRNKY<br>CMFNDDIQGTASVAVAGILALRITKNKLSNHVVFVQGAGEAAMGIAHLLVMALE<br>KEGVKAEATRKIWMVDSKGLIVKGRSHLNHEKEMFAQDHPEVNSLEEVVRLVK<br>PTAIIGVAAIAGAFTEQILRDMASFHERPIIFALSNPSTKAECTAEKCYRVTEGRGIF<br>ASGSPFKSVTLEDGKTFIPQGNNAYVFPGVAGLVIAGGIRHIPDEIFLLTAEQIAQ<br>EVSEQHLSQGRLYPPLSTIRDVSLRIAIVLDYAYKHNLASYYPEPKDKEAFVRSVLV<br>YTPDYDSFTLD |
| <b>Purity</b>            | Greater than 85% as determined by SDS-PAGE.  |
| <b>Source</b>            | E.coli   |
| <b>MW</b>                | 67.2 kDa   |
| <b>Uniprot ID</b>        | <b>Q16798</b>  |
| <b>Expiration Date</b>   | 6 months from date of receipt.   |