

## Product datasheet for **TP302335M**

### **SQOR (NM\_021199) Human Recombinant Protein**

#### **Product data:**

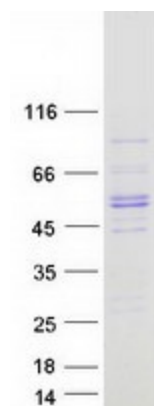
|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type:</b>                         | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description:</b>                          | Recombinant protein of human sulfide quinone reductase-like (yeast) (SQRDL), nuclear gene encoding mitochondrial protein, 100 µg                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species:</b>                              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Expression Host:</b>                      | HEK293T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Expression cDNA Clone or AA Sequence:</b> | >RC202335 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                              | <p>MVPLVAVVSGPRAQLFACLLRLGTQQVGPLQLHTGASHAARNHYEVLVLGGGSGGITMAARMKRKVGA<br/>EN<br/>VAIVPSEHFYQPIWTLVGAGAKQLSSSGRPTASVIPSGVEWIKARVTELNPDKNCIHTDDDEKISYRY<br/>LIIALGIQLDYEKIKGLPEGFAHPKIGSNYSVKTEKTWKALQDFKEGNAIFTFPNTPVKCAGAPQKIMY<br/>LSEAYFRKTGKRSKANIIFNTSLGAIFGVKKYADALQEIIQERNLTVNYKKNLIEVRADKQEAVFENLDK<br/>PGETQVISYEMLHVTPPMSPDVLKTSVADAAGWVDVDKETLQHRRYPNVFGIGDCTNLPSTKAAAVA<br/>AQSGILDRTISVIMKNQPTTKKYDGYTSCPLVTGYNRVILAEFDYKAELETFFPDQSKERLSMYLMKAD<br/>LMPFLYWNMMLRGYWGGPAFLRKLFLHGM</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| <b>Tag:</b>                                  | C-Myc/DDK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Predicted MW:</b>                         | 49.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration:</b>                        | >0.05 µg/µL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity:</b>                               | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Buffer:</b>                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Preparation:</b>                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Note:</b>                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage:</b>                              | Store at -80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability:</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                     |
| <b>RefSeq:</b>           | <a href="#">NP_067022</a>                                                                                                                                                                                                                                                                         |
| <b>Locus ID:</b>         | 58472                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID:</b>       | <a href="#">Q9Y6N5</a>                                                                                                                                                                                                                                                                            |
| <b>RefSeq Size:</b>      | 2003                                                                                                                                                                                                                                                                                              |
| <b>Cytogenetics:</b>     | 15q21.1                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>       | 1350                                                                                                                                                                                                                                                                                              |
| <b>Synonyms:</b>         | CGI-44; PRO1975; SQR; SQRDL                                                                                                                                                                                                                                                                       |
| <b>Summary:</b>          | The protein encoded by this gene may function in mitochondria to catalyze the conversion of sulfide to persulfides, thereby decreasing toxic concentrations of sulfide. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2012] |
| <b>Protein Families:</b> | Druggable Genome                                                                                                                                                                                                                                                                                  |

### Product images:



Coomassie blue staining of purified SQOR protein (Cat# [TP302335]). The protein was produced from HEK293T cells transfected with SQOR cDNA clone (Cat# [RC202335]) using MegaTran 2.0 (Cat# [TT210002]).