

# Recombinant Full Length Human SQOR Protein, C-Flag-tagged

**Cat. No.** SQOR-13HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human SQOR Protein, fused to Flag-tag at C-terminus, was expressed in HEK293T.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</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.                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 49.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | <p>MVPLVAVVSGPRAQLFACLLRLGTQQVGPLQLHTGASHAARNHYEVLVLGGGSGGI</p> <p>TMAARMKRKVGAE N VAIVPSE RHFYQPIWTLVGAGAKQLSSSGRPTASVIPSGVE</p> <p>WIKARVTELNPDKNCIHTDDDEKISYRY LIALGIQLDYEEKIKGLPEGFAHPKIGSNYSV</p> <p>KTVEK TWKALQDFKEGNAIFTFPNTPVKCAGAPQKIMY LSEAYFRKTGKRSKANIIF</p> <p>NTSLGAIFGVKKYADALQEIIQERNLTVNYKKNLIEVRADKQEAVFENLDK PGETQVI</p> <p>SYEMLHVTTPMSPPDVLKTSPVADAAGWVDVDKETLQHRRYPNVFGIGDCTNLPTS</p> <p>KTAAAVA AQSGILDR TISVIMKNQTPTKKYDGYTSCPLVTGYNRVILA EFDYKAEPL E</p> <p>TFPFDQSKERLSMYLMKAD LMPFLYWNMMLRGYWGGPAFLRKL FHLGMS TRTRP</p> <p>LEQKLISEEDLAANDILDYKDDDDKV</p> |

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|                         |                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                         |
| <b>Notes</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>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>Storage</b>          | Store at -80 centigrade.                                                                                                                             |
| <b>Concentration</b>    | >0.05 µg/µl as determined by microplate BCA method.                                                                                                  |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| <b>Protein Families</b> | Druggable Genome                                                                                                                                     |
| <b>Full Length</b>      | Full L.                                                                                                                                              |

## GENE INFORMATION

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| <b>Gene Name</b>       | SQOR sulfide quinone oxidoreductase [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | SQOR                                                         |
| <b>Synonyms</b>        | SQR; SQRD1; CGI-44; PRO1975                                  |
| <b>Gene ID</b>         | 58472                                                        |
| <b>mRNA Refseq</b>     | NM_021199.4                                                  |

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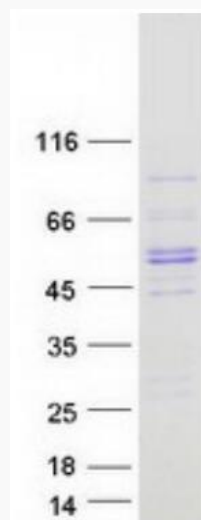
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**Protein Refseq** NP\_067022.1

**MIM** 617658

**UniProt ID** Q9Y6N5

**SDS-PAGE**



Coomassie blue staining of purified SQOR protein.

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