

Recombinant Human SQOR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SQOR-3268H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SQRDL MS Standard C13 and N15-labeled recombinant protein (NP_067022) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	50 kDa
AA Sequence	MVPLVAVVSGPRAQLFACLLRLGTQQVGPLQLHTGASHAARNHYEVLVLGGGSGGI TMAARMKRKVGAENVAIVEPSEHFYQPIWTLVGAGAKQLSSSGRPTASVIPSGVE WIKARVTELNPDKNCIHTDDDEKISYRYLIILGIQLDYEKIKGLPEGFAHPKIGSNYSV KTVEKTWKALQDFKEGNAIFTFPNTPVKCAGAPQKIMYLSEAYFRKTGKRSKANIIFN TSLGAIFGVKKYADALQEIIQERNLTVNYKKNLIEVRADKQEAVFENLDKPGETQVISY EMLHVTPPMSPPDVLKTSPVADAAGWVDVDKETLQHRRYPNVFGIGDCTNLPTSST AAATAAQSGILDRTISVIMKNQTPTKKYDGYTSCPLVTGYNRVILAEFDYKAEPLETF PFDQSKERLSMYLMKADLMPFLYWNMMLRGYWGGPAFLRKLFLHGMSTRTRPLE QKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

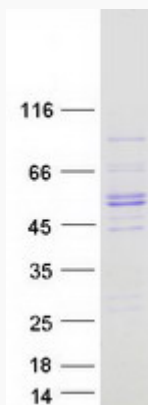
GENE INFORMATION

Gene Name	SQOR sulfide quinone oxidoreductase [Homo sapiens (human)]
Official Symbol	SQOR
Synonyms	SQOR; sulfide quinone oxidoreductase; SQR; SQRDL; CGI-44; PRO1975; sulfide:quinone oxidoreductase, mitochondrial; sulfide dehydrogenase like; sulfide quinone reductase-like; EC 1.8.5.8
Gene ID	58472
mRNA Refseq	NM_021199
Protein Refseq	NP_067022
MIM	617658
UniProt ID	Q9Y6N5

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SDS-PAGE

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