

Product datasheet for TP507186

Sqor (NM_021507) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sulfide quinone oxidoreductase (Sqor), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207186 protein sequence Red =Cloning site Green =Tags(s)

MAPLVAWSSPRARLFACFLRLGTQQAGPLQLHTGACCTAKNHYEVLVLGGGAGGITMATRMKRRVGAEN
VAIVEPSEHFYQPIWTLVGAGAKELSLSVRSTLSVIPSGVQWIQDRVAELNPDENCIRTDGKEISYRY
LIIALGIQLDYEKIKGLPEGFAYPKIGSNYSVKTVEKTWKALQDFKEGNALFTFPNTPVKCAGAPQKIMY
LSEAYFRKTGKRPKANIIIFNTALGTIFGVKKYADALQEII RERDVSVNKYHNLIEVRPDKQEAVFEILDK
PGETHVIPYEMLHVTPPMSAPDVLKRSPVADSAGWVDVKETLQHKKYPNVFGIGDCTNLPTSKTAAAVA
AQSGILDRTMCLIMKNQRPIKKYDGYTSCPLVTGYNRVILAEFDYTAQPLETFPFDQSKERITMYLMKAD
MMPFLYWNMMLRGYWGGPAFLRKLFLHGMN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	50.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_067482
Locus ID:	59010



[View online >](#)

UniProt ID:	Q9R112
RefSeq Size:	1995
Cytogenetics:	2 E5
RefSeq ORF:	1353
Synonyms:	0610039J17Rik; 4930557M22Rik; SQOR; Sqrdl
Summary:	Catalyzes the oxidation of hydrogen sulfide with the help of a quinone, such as ubiquinone, giving rise to thiosulfate and ultimately to sulfane (molecular sulfur) atoms. Requires an additional electron acceptor; can use sulfite, sulfide or cyanide (in vitro).[UniProtKB/Swiss-Prot Function]