

Recombinant Full Length Rat Sulphydryl Oxidase 1(Qsox1) Protein, His-Tagged

Cat. No. RFL13911RF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rat Sulphydryl oxidase 1(Qsox1) Protein (Q6IUU3) (33-750aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Rat

Source

E.coli

ProteinLength

Full Length of Mature Protein (33-750)

Form

Lyophilized powder

AA Sequence

ARLSVLYSSSDPLTLLDADTVRPAVLGSSSAWAVEFFASWCGHCIAFAPTWKELAN
 DVKD WRPALNLAVLDCADETNSAVCREFNIAGFPTVRRFFKAFSKNGTGTALPAAGA
 NVQTLRMR LIDALESHRDTWPPACPPLEPAKLDINEFFTRSKAEYLALIFEREDSYL
 GREVTLDLSQ FHAVAVRRVLNSES DVVSKFAVTD FPCYLLLRNGSVSRVPVLVES
 RPFYTSYLRGLPGL TREAPPTTAAPVTPDKIAPT VVKFADR SKIYMADLESALHYILR
 VEVGKFSVLEGQRLVA LKKFVAVLAKYFPGQPLVQNFLHSINDWLQKQKQKKIPYS
 YFKAALDSRKENAVLAEKVN WIGCQGSEPHFRGFPCSLWVLFHFLT VQAHRYSEA
 HPQEPADGQEV LQAMRSYVQSFFGC RDCANHFEQMAAASMHQVKSPSNAVLWL
 WTSHNRV NARLSGALSED P QFPKVQWPPRELC SACHNEVNGQVPLWDLGATLNF
 LKAHFSPANIVRDPPAPGPASRRGTQDPEASPNLVMDT LKLETGNSVLGHEQAASA
 ASPGATALDVPAGKPEASGPQELNAGLSMGGASPGQGPPEHT EELLRDVQENAQ
 GQQHLSKRDEALLLPEVNHLQGPLAPRRGGHSPKQLASILEGEPEAL AIQGRQW

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LQVLGGGVSFLDISLCVGLYSVFSFMGLLAMTYFRARMRTPKGHVSYP

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Qsox1

Synonyms Qsox1; Qscn6; Sox2; Sulfhydryl oxidase 1; rQSOX; rSOx; FAD-dependent sulfhydryl oxidase-2; SOx-2; Quiescin Q6

UniProt ID [Q6IUU3](#)

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