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SUOX, 80-545aa, Human, His tag, E.coli

产品货号: TP04099

第三版

别名: Sulfite oxidase, EC 1.8.3.1

**描述:** SuOX also known as sulfite oxidase. SuOX is a homodimeric protein localized to the intermembrane space of mitochondria. Each subunit contains a heme domain and a molybdopterin-binding domain. This enzyme catalyzes the oxidation of sulfite to sulfate, the final reaction in the oxidative degradation of the sulfur amino acids cysteine and methionine. SuOX deficiency results in neurological abnormalities which are often fatal at an early age. Recombinant human SuOX protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid, In Phosphate buffered saline (pH7.4) containing 30% glycerol, 1mM DTT

**分子量:** 53.9kDa (489aa)

**序列:**

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MGSSHHHHHSSGLVPRGSHMGSESTHIYTKEEVSSHTSPETGIWVTLGSEVFDVTEFVDLHPGGPSKLM LAAGGPLEPF  
WALYAVHNQSHVRELLAQYKIGELNPEDKVAPT VETSDPYADDPVRHPALKVNSQRPFNAEPPPELLTENYITPNPIFFTR  
NHL PVPNLDPD TYRLHVVGAPGGQSLSLDDLHNFPRYEITVTLQCAGNRRSEMTQVKEVKGLEWRTGAISTARWAGA  
RLCDVLAQAGHQLCETEAHVCFEGLSDPTGTAYGASIP LARAMDPEAEVLLAYEMNGQLPRDHGFPVRVVVPGVVG  
ARHV KWLGRVSVQPEESYSHWQRRDYKGFSPVDWETVDFDSAPSIQELPVQSAITEPRDGETVESGEVTIKGYAWSGGG  
RAVIRVDVSLDGGLTWQVAKLDGEEQRPRKAWAWRLWQLKAPVPAGQKELNIVCKAVDDGYNVQPDTVAPIWNLRG  
VLSNAWHRVHVYVSP
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**纯度:** > 95% by HPLC

**浓度:** 1mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.