

Product datasheet for TP309066

SUOX (NM_000456) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sulfite oxidase (SUOX), nuclear gene encoding mitochondrial protein, transcript variant 1
Species:	Human
Expression Host:	HEK293T
Tag:	C-Myc/DDK
Predicted MW:	60.1 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.
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_000447
Locus ID:	6821
UniProt ID:	P51687 , A0A024RB79
RefSeq Size:	2564
Cytogenetics:	12q13.2
RefSeq ORF:	1635
Summary:	Sulfite oxidase is a homodimeric protein localized to the intermembrane space of mitochondria. Each subunit contains a heme domain and a molybdopterin-binding domain. The enzyme catalyzes the oxidation of sulfite to sulfate, the final reaction in the oxidative degradation of the sulfur amino acids cysteine and methionine. Sulfite oxidase deficiency results in neurological abnormalities which are often fatal at an early age. Alternative splicing results in multiple transcript variants encoding identical proteins. [provided by RefSeq, Jul 2008]

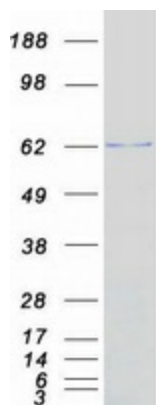


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Protein Families: Druggable Genome

Protein Pathways: Sulfur metabolism

Product images:



Coomassie blue staining of purified SUOX protein (Cat# TP309066). The protein was produced from HEK293T cells transfected with SUOX cDNA clone (Cat# [RC209066]) using MegaTran 2.0 (Cat# [TT210002]).