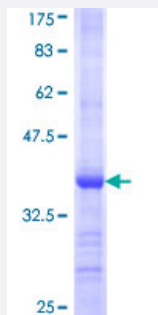


SUOX (Human) Recombinant Protein (Q01)

Catalog # H00006821-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SUOX partial ORF (NP_000447, 391 a.a. - 486 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YAWSGGGRAVIRVDVSLDGGLTWQVAKLDGEEQRPRKAWAWRLWQLKAPVPAGQKELNIVCK AVDDGYNVQPD TVAPIWNLRGVLSNAWHRVHVYV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.3
Interspecies Antigen Sequence	Mouse (89); Rat (89)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SUOX

Entrez GeneID [6821](#)

GeneBank Accession# [NM_000456](#)

Protein Accession# [NP_000447](#)

Gene Name SUOX

Gene Alias -

Gene Description sulfite oxidase

Omim ID [272300 606887](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations OTTHUMP00000158619

Pathway

- [Sulfur metabolism](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)