

Recombinant Human SMOX, GST-tagged

Cat. No. SMOX-2820H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMOX protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-280aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SMOX spermine oxidase [Homo sapiens]
Official Symbol	SMOX
Synonyms	SMOX; spermine oxidase; PAO; SMO; PAO-1; PAOH1; C20orf16; spermine oxidase; polyamine oxidase 1; flavin containing amine oxidase; flavin-containing spermine oxidase; putative cyclin G1 interacting protein; C20orf16; chromosome 20 open reading frame 16; dJ779E11.1; FLJ20746; MGC1010

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Gene ID	54498
mRNA Refseq	NM_001270691
Protein Refseq	NP_001257620
UniProt ID	Q9NWM0
Chromosome Location	20p13
Pathway	Amine Oxidase reactions, organism-specific biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem
Function	N1-acetylspermine:oxygen oxidoreductase (N1-acetylspermidine-forming) activity; norspermine:oxygen oxidoreductase activity; polyamine oxidase activity

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