

RIOX2 抗原（重组蛋白）

中文名称：RIOX2 抗原（重组蛋白）

英文名称：RIOX2 Antigen (Recombinant Protein)

别名：ribosomal oxygenase 2; ROX; MDIG; MINA; NO52; JMJD10; MINA53

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 266-465 amino acids of human RIOX2

技术规格

Full name:	ribosomal oxygenase 2
Synonyms:	ROX; MDIG; MINA; NO52; JMJD10; MINA53
Swissprot:	Q8IUJ8
Gene Accession:	BC014928
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Is involved in the demethylation of trimethylated 'Lys-9' on histone H3 (H3K9me3), leading to an increase in ribosomal RNA expression. Also catalyzes the hydroxylation of 60S ribosomal protein L27a on 'His-39'. May play an important role in cell growth and survival. May be involved in ribosome biogenesis, most likely during the assembly process of pre-ribosomal particles.