

Recombinant Human RIOX2

Catalog No: #GP12999



Package Size: #GP12999-1 100ug

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Description

Product Name	Recombinant Human RIOX2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 266-465 amino acids of human RIOX2
Target Name	ribosomal oxygenase 2
Other Names	ROX; MDIG; MINA; NO52; JMJD10; MINA53
Accession No.	Swissprot:Q8IUF8Gene Accession:BC014928
Uniprot	Q8IUF8
GeneID	84864;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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