

Recombinant Human RIOX2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RIOX2-1592H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MINA MS Standard C13 and N15-labeled recombinant protein (NP_694822) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	MINA is a c-Myc target gene that may play a role in cell proliferation or regulation of cell growth.
Molecular Mass	52.8 kDa
AA Sequence	MPKKAKPTGSGKEEGPAPCKQMKLEAAGGPSALNFDSPSSLFESLISPIKTETFFKE FWEQKPLLIQRDDPALATYYGSLFKLTDLKSLCSRGMYYGRDVNVCRCVNGKKKVL NKDGKAHFLQLRKDFDQKRATIQFHQPQRFKDELWRIQEKLECYFGSLVGSNVYITP AGSQGLPPHYDDVEVFILQLEGEKHWRLYHPTVPLAREYSVEAEERIGRPVHEFML KPGDLLYFPRGTIHQADTPAGLAHSTHVTISTYQNNSWGDFLLDTISGLVFDTAKEDV ELRTGIPRQLLLQVESTTVATRRLSGFLRTLADRLEGTKELLSSDMKKDFIMHRLPPY SAGDGAELSTPGGKLPRLDVSVRLQFKDHIVLTVLPDQDQSDQDETQEKMVYIYHSLKN SRETHMMGNEEETEFHGLRFPLSHLDALKQIWNSPAISVKDLKLTDEEKESLVLSL WTECLIQVVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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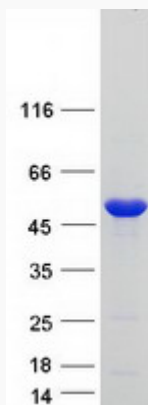
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	RIOX2 ribosomal oxygenase 2 [Homo sapiens (human)]
Official Symbol	RIOX2
Synonyms	RIOX2; ribosomal oxygenase 2; ROX; MDIG; MINA; NO52; JMJD10; MINA53; ribosomal oxygenase 2; 60S ribosomal protein L27a histidine hydroxylase; MYC induced nuclear antigen; MYC-induced nuclear antigen 53; bifunctional lysine-specific demethylase and histidyl-hydroxylase MINA; histone lysine demethylase MINA; mineral dust induced gene protein; myc-induced nuclear antigen, 53 kDa; nucleolar protein 52; ribosomal oxygenase MINA; EC 1.14.11.-
Gene ID	84864
mRNA Refseq	NM_153182
Protein Refseq	NP_694822
MIM	612049
UniProt ID	Q8IUF8

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SDS-PAGE

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