

Recombinant Mouse Mocos Protein, Myc/DDK-tagged

Cat. No. Mocos-4109M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length molybdenum cofactor sulfurase (Mocos), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Sulfurates the molybdenum cofactor. Sulfation of molybdenum is essential for xanthine dehydrogenase (XDH) and aldehyde oxidase (ADO) enzymes in which molybdenum cofactor is liganded by 1 oxygen and 1 sulfur atom in active form.
Molecular Mass	95 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Mocos molybdenum cofactor sulfurase [Mus musculus (house mouse)]
Official Symbol	Mocos
Synonyms	Mocos; molybdenum cofactor sulfurase; MCS; MOS; HMCS; 1110018O12Rik; molybdenum cofactor sulfurase; moCo sulfurase; molybdenum cofactor sulfurtransferase; EC 2.8.1.9
Gene ID	68591
mRNA Refseq	NM_026779
Protein Refseq	NP_081055
UniProt ID	Q14CH1

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