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MOCS2, 1-188aa, Human, His tag, E.coli

产品货号: TP03006

第三版

别名:molybdenum cofactor synthesis 2 , MCBPE, MOCO1, MOCS2A, MOCS2B, MPTS.

描述:MOCS2 is a heterotetrameric synthase composed of two small (MOCS2A) and two large (MOCS2B) subunits. The large and small subunits of molybdopterin synthase are both encoded from this gene by overlapping open reading frames. MOCS2 functions in the second step of the synthesis of molybdenum cofactor or molybdopterin (MPT). It catalyzes the formation of MPT from precursor Z by incorporating a dithiolene functional group.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 1mM DTT

分子量:25 kDa (224aa) confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQMQMRDLYDDDDKDRWGSMSLEISSCFSLETKLPLSPPLVEDSAFEPKSRKDMDEVEEKS
KDVINFTAELKSVDEVSQLVISPLCGAISLFGVGTTRNNFEGKKVISLEYEAYLPAENEVRKICSDIRQKWPVKHIAVFHRLG
LVPVSEASIIIVSSAHRAASLEAVSYAIDTLKAKVPIWKKEIYEESSWKGKCEFWASNS

纯度:> 95% by HPLC

浓度:0.25 mg/ml

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.