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Akr1b1, 1-316aa, Mouse, His tag, E.coli

产品货号: TP01105

第三版

别名:Aldose reductase, Ahr-1, Ahr1, Akr1b1, Aldor1, Aldr1, ALR2, AR

描述:Akr1b1, also known as Aldose reductas, is an enzyme. It catalyzes the NADPH-dependent reduction of a wide variety of carbonyl-containing compounds to their corresponding alcohols with a broad range of catalytic efficiencies. Recombinant mouse Akr1b1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol.

分子量:38.1kDa (339aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMASHLELNNGTKMPTLGLGTWKSPPGQVTEAVKVAIDLGYRHIDCAQVYQNEKE
VGVALQEKLKEQVVKRQDLFIVSKLWCTFHDKSMVKGAFQKTLSDLQLDYLDLYLIHWPTGFKPGPDYFPLDASGNVIPS
DTDFVDTWTAMEQLVDEGLVKTIGVSNFNPLQIERILNKPGLKYKPAVNQIECHPYLTQEKLIEYCHSKGIVVTAYSPLGSP
DRPWAKPEDPSLLEDPRIKAI AAKYNKTTAQVLIRFPIQRNLVVIPKSVTPVRIAENLKVDFEVSSEDMATLLSYNRNWRV
CALMSCAKHKDYPFHAEV

纯度:> 95% by HPLC

浓度:1mg/ml (determined by Bradford assay)

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.