

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

SORD, 1-357aa, Human, E.coli (Bioactivity Validated)

产品货号: TP04005

第三版

别名:SORD1

**描述:**SORD, also known as sorbitol dehydrogenase, is a member of the zinc-containing alcohol dehydrogenase family. It is widely expressed with highest expression in kidney and in the lens of the eye. SORD enzymatically catalyzes the zinc-dependent interconversion of polyols, such as sorbitol and xylitol, to their respective ketoses. Recombinant human SORD protein, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer(pH 8.5) containing 10% glycerol, 1mM DTT

**分子量:**38.3kDa (357aa)

**序列:**

```
MAAAAKPNNLSLVVHGPGDLRLNYPPEPGPNEVLLRMHNSVIGCGSDVHYWEYGRIGNFIVKKPMVLGHEASGTVEKV  
GSSVKHLKPGDRVAIEPGAPRENDEFCKMGRYNLSPSIFFCATPPDDGNLCRFYKHNAAFICYKLPDNVTFEEGALIEPLSVG  
IHACRRGGVTLGHKVLVCGAGPIGMVTLVAKAMGAAQVVVTDLSATRLSKAKEIGADLVLQISKESPQEIARKVEGQL  
GCKPEVTIECTGAEASIQAGIYATRSGGTLVLVGLGSEMTPVLLHAAIREVDIKGVFRYCNTWPVAISMLASKSVNVKPLV  
THRFPLEKALEAFETFKKGLGLKIMLKCDPSDQNP
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**纯度:**> 95% by HPLC

**浓度:**0.5mg/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.