

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。

AKR1D1, 1-326aa, Human, His tag, E.coli

产品货号: TP01111

第三版

**别名:** Aldo-keto reductase family 1, member D1; 3o5bred; CBAS2; SRD5B1.

**描述:** Aldo-keto reductase family 1, member D1, also known as AKR1D1, is a member of the AKR superfamily. The AKR family of proteins are soluble NADPH oxidoreductases. They play important roles in the metabolism of drugs, carcinogens and reactive aldehydes.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 100mM NaCl

**分子量:** 39.5 kDa (346aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMDLSAASHRIPLSDGNSIPIIGLGTYSKSTPKGACATSVKVAIDTGYRHIDGAYIYQNEH  
EVGEAIREKIAEGKVRREDIFYCGKLWATNHVPEMVRPTLERTLRVLQLDYVDLYIIEVPMFAFKPGDEIYPRDENGKWL  
YH KSNLCATWEAMEACKDAGLVKSLGVSFNRRQLELILNKPLKHKPVSNQVECHPYFTQPKLLKFCQQHDIVITAYSPLG  
TSRNPWVNVSSPPLLKDALLNSLGKRYNKTAQIVLRFNIQRGVVIVPKSFNLERIKENFQIFDFSLTEEMKDIEALNKNV  
RFVELLMWRDHPEYPFHDEY

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/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.