

Recombinant Human AKR1E2, His-tagged

Cat. No. AKR1E2-9536H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKR1E2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-307a.a.
Description	The protein encoded by this gene is a member of the aldo-keto reductase superfamily. Members in this family are characterized by their structure (evolutionarily highly conserved TIM barrel) and function (NAD(P)H-dependent oxido-reduction of carbonyl groups). Transcripts of this gene have been reported in specimens of human testis. Alternative splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	AKR1E2 aldo-keto reductase family 1, member E2 [Homo sapiens]
------------------	---

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	AKR1E2
Synonyms	AKR1E2; aldo-keto reductase family 1, member E2; AKR1CL2, AKRDC1, aldo keto reductase family 1, member C like 2; 1,5-anhydro-D-fructose reductase; MGC10612; hTSP; AF reductase; testis-specific protein; aldo-keto reductase loopADR; aldo-keto reductase related protein; aldo-keto reductase family 1, member C-like 2; aldo-keto reductase family 1 member C-like protein 2; AKRDC1; AKR1CL2; LoopADR;
Gene ID	83592
mRNA Refseq	NM_001040177
Protein Refseq	NP_001035267
UniProt ID	Q96JD6
Chromosome Location	10p15.2
Function	1,5-anhydro-D-fructose reductase activity; oxidoreductase activity;