

Recombinant Human AKR1E2 Protein, GST-tagged

Cat. No. AKR1E2-416H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AKR1CL2 full-length ORF (AAH02862, 1 a.a. - 307 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Aug 2012]
Molecular Mass	59.51 kDa
AA Sequence	MGDIPAVGLSSWKASPGKVTEAVKEAIDAGYRHFDCAIFYHNEREVGAGIRCKIKEG AVRREDLFIATKLWCTCHKKSLVETACRKSLKALKLNYLDLYLIHWPMGFKPPHPEWI MSCSELSFCLSHPRVQDLPLDESNMVIPSDTDFLDTWEAMEDLVITGLVKNIGVSNF NHEQLERLLNKPGLRFKPLTNQIECHPYLTQKNLISFCQSRDVSVTAYRPLGGSCGE VDLIDNPVIKRIAKEHGKSPAQILIRFQIQRNIVIPGSITPSHIKENIQVDFDFELTQHDM DNILSLNRNLRLAMFPM
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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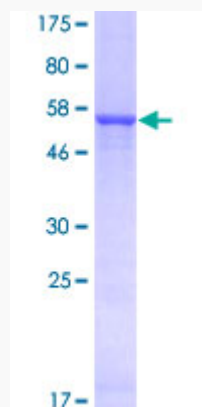
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	AKR1E2 aldo-keto reductase family 1, member E2 [Homo sapiens]
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
MIM	617451
UniProt ID	Q96JD6

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12.5% SDS-PAGE Stained with Coomassie Blue.

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