

Product datasheet for **TP324970**

AKR1CL2 (AKR1E2) (NM_001040177) Human Recombinant Protein

Product data:

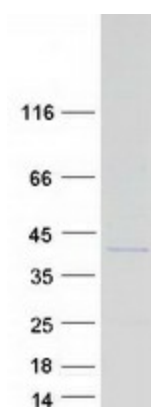
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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human aldo-keto reductase family 1, member C-like 2 (AKR1CL2), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC224970 representing NM_001040177 Red =Cloning site Green =Tags(s) |
| | <p>MGDIPAVGLSSWKASPGKVTEAVKEAIDAGYRHFDCAYFYHNEREVGAGIRCKIKEGAVRREDLFIATKL WCTCHKKSLVETACRKSLKALKLNLDLYLIHWPMGFKPPHPPEWIMSCSELSFCLSHPRVQDLPLDESNM VIPSDTDFLDTWEAMEDLVITGLVKNIGVSNFNHEQLERLLNKPGLRFKPLTNQIECHPYLTQKNLISFC QSRDVSVTAYRPLGGSCGEVDLIDNPVIKRIAKEHGKSPAQILIRFQIQRNVIVIPGSITPSHIKENIQV FDFELTQHDMDNILSLNRNRLAMFPITKNHKDYPFHIEY</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 36.4 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_001035267 |
| Locus ID: | 83592 |



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| UniProt ID: | Q96JD6 |
| RefSeq Size: | 1623 |
| Cytogenetics: | 10p15.1 |
| RefSeq ORF: | 960 |
| Synonyms: | AKR1CL2; AKRDC1; htAKR; htSP; HTSP1; LoopADR; TAKR |
| Summary: | 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] |
| Protein Families: | Druggable Genome |

Product images:



Coomassie blue staining of purified AKR1E2 protein (Cat# TP324970). The protein was produced from HEK293T cells transfected with AKR1E2 cDNA clone (Cat# [RC224970]) using MegaTran 2.0 (Cat# [TT210002]).