

## Product datasheet for **TP504191**

### Akr1e1 (NM\_018859) Mouse Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Mouse aldo-keto reductase family 1, member E1 (Akr1e1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >MR204191 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |

MENIPTVGLGTWKASPGEVTDVAVKLAINLGYRHFDCAYLYHNESEVGMGISEKIKEGVVKREDLFWSKL  
WCTCHKKSLVKTACTNTLEALNLDYLDLYLIHWPMGFKPGKDIPLDRNGKVIPSHTSFLDTWEAMEDLV  
FEGLVKNLGVSNFNHEQLERLLDKPGLRVRPITNQIECHPYLNQKKLIDFCHKRNVSVTAYRPLGGSGGG  
FHLMDDTVIRKIAKKHGKSPAQILIRFQIQRNLIVIPKSVTPSRIRENIQVDFELTEKDMEELLSLDKN  
LRLATFPTTENHQDYPFHIEY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

|                |  |
|----------------|--|
| Tag:           | C-MYC/DDK  |
| Predicted MW:  | 34.5 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   |
| 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 after receiving vials.  |
| 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:        | <a href="#">NP_061347</a>  |
| Locus ID:      | 56043  |
| UniProt ID:    | <a href="#">Q9DCT1</a>   |



[View online »](#)

|               |  |
|---------------|--|
| RefSeq Size:  | 1729   |
| Cytogenetics: | 13 A1  |
| RefSeq ORF:   | 906  |
| Synonyms:     | 1810061I10Rik; Akr1e2  |
| Summary:      | Catalyzes the NADPH-dependent reduction of 1,5-anhydro-D-fructose (AF) to 1,5-anhydro-D-glucitol.[UniProtKB/Swiss-Prot Function] |