

Product datasheet for **TP306675**

AKR7A3 (NM_012067) Human Recombinant Protein

Product data:

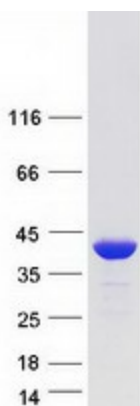
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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase) (AKR7A3), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC206675 protein sequence Red =Cloning site Green =Tags(s) |
| | <p>MSRQLSRARPATVLGAMEMGRRMDAPTSAAVTRAFLEGRGHEIDTAFVYSEGQSETILGGLGLRLGGSDC RVKIDTKAIPLFGNSLKPDSLRFLQLETSKRLQCPRVDLFYLHMPDHSTPVEETLRACHQLHQEGKFMEL GLSNYAWEVAEICTLCKSNGWILPTVYQGMYNITRQVETELFPCLRHGFLRFYAFNPLAGLLTGKYK YEDKDGKQPVGRFFGNTWAEMYRNRYWKEHHFEGIAPVEKALQAAYGASAPSMTSATLRWMYHHSQLQGA HGDAVILGMSLEQLEQNLAEEGPLEPAWVDAFNQAWHLVAHECPNYFR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 37 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: | <u>NP_036199</u> |
| Locus ID: | 22977 |



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|-------------------|--|
| UniProt ID: | Q95154 |
| RefSeq Size: | 1301 |
| Cytogenetics: | 1p36.13 |
| RefSeq ORF: | 993 |
| Synonyms: | AFAR2 |
| Summary: | Aldo-keto reductases, such as AKR7A3, are involved in the detoxification of aldehydes and ketones.[supplied by OMIM, Apr 2004] |
| Protein Families: | Druggable Genome |

Product images:



Coomassie blue staining of purified AKR7A3 protein (Cat# TP306675). The protein was produced from HEK293T cells transfected with AKR7A3 cDNA clone (Cat# [RC206675]) using MegaTran 2.0 (Cat# [TT210002]).