

# Recombinant Human AKR7A3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** AKR7A3-2420H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	AKR7A3 MS Standard C13 and N15-labeled recombinant protein (NP_036199) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Aldo-keto reductases, such as AKR7A3, are involved in the detoxification of aldehydes and ketones.
<b>Molecular Mass</b>	37.2 kDa
<b>AA Sequence</b>	MSRQLSRARPATVLGAMEMGRRMDAPTSAAVTRAFLEGRGHEIDTAFVYSEGQSE TILGGLGLRLGGSDCRVKIDTKAIPLFGNSLKPDSLRFQLETSLKRLQCPRVDLFYLN MPDHSTPVEETLRACHQLHQEGKFMELGLSNYAAWEVAEICTLCKSNGWILPTVYQ GMYNAITRQVETELFPCLRHFGRLRFYAFNPLAGLLTGKYKYEDKDGKQPVGRFFG NTWAEMYRNRYWKEHHFEGIAPEVEKALQAAYGASAPSMTSATLRWMYHHSQLQG AHGDAVILGMSLEQLEQNLAEEGPLEPAVVDAFNQAWHLVAHECPNYFRTRTR PLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

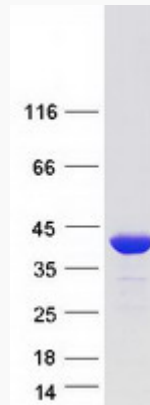
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	AKR7A3 aldo-keto reductase family 7 member A3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	AKR7A3
<b>Synonyms</b>	AKR7A3; aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase); aflatoxin B1 aldehyde reductase member 3; AFB1-AR 2; AFB1 aldehyde reductase 2; aflatoxin B1 aldehyde reductase 2; AFAR2;
<b>Gene ID</b>	22977
<b>mRNA Refseq</b>	NM_012067
<b>Protein Refseq</b>	NP_036199
<b>MIM</b>	608477
<b>UniProt ID</b>	O95154

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**SDS-PAGE**



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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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