

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

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

SPECIFICATION

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

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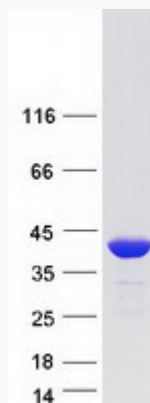
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	AKR7A3 aldo-keto reductase family 7 member A3 [Homo sapiens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

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SDS-PAGE

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