Recombinant Human AKR7A3 Protein, GST-tagged

Cat. No. AKR7A3-419H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AKR7A3 full-length ORF (AAH25709, 1 a.a. - 331 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Aldo-keto reductases, such as AKR7A3, are involved in the detoxification of aldehydes and ketones.[supplied by OMIM, Apr 2004]
Molecular Mass	61.93 kDa
AA Sequence	MSRQLSRARPATVLGAMEMGRRMDAPTSAAVTRAFLERGHTEIDTAFVYSEGQSE TILGGLGLRLGGSDCRVKIDTKAIPLFGNSLKPDSLRFQLETSLKRLQCPRVDLFYLH MPDHSTPVEETLRACHQLHQEGKFVELGLSNYAAWEVAEICTLCKSNGWILPTVYQ GMYNAITRQVETELFPCLRHFGLRFYAFNPLAGGLLTGKYKYEDKDGKQPVGRFFG NTWAEMYRNRYWKEHHFEGIALVEKALQAAYGASAPSMTSATLRWMYHHSQLQG AHGDAVILGMSSLEQLEQNLAAAEEGPLEPAVVDAFNQAWHLVAHECPNYFR
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

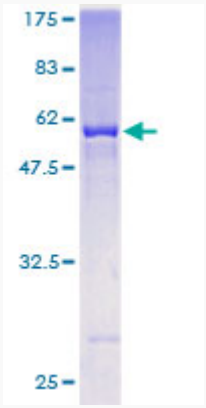
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AKR7A3 aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase) [Homo sapiens]
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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12.5% SDS-PAGE Stained with Coomassie Blue.

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