

Recombinant Full Length Human AKR7A3 Protein, GST-tagged

Cat. No. AKR7A3-1378HF **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	In Vitro Cell Free System
ProteinLength	331 amino acids
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	MSRQLSRARP ATVLGAMEMG RRMDAPTSAA VTRAFLEIGH TEIDTAFVYS EGQSETILGG LGLRLGGSDC RVKIDTKAIP LFGNSLKPDS LRFQLETSLK RLQCPRVDLF YLHMPDHSTP VEETLRACHQ LHQEGKFVEL GLSNYAWEV AEICTLCKSN GWILPTVYQG MYNAITRQVE TELFPCLRHF GLRFYAFNPL AGLLTGKYK YEDKDGKQPV GRFFGNTWAE MYRNRYWKEH HFEGIALVEK ALQAAYGASA PSMTSATLRW MYHHSQQLGA HGDAVILGMS SLEQLEQNLA AAEEGGLEPA VVDAFNQAWH LVAHECPNYF R
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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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