

AKR1C4 抗原（重组蛋白）

中文名称： AKR1C4 抗原（重组蛋白）

英文名称： AKR1C4 Antigen (Recombinant Protein)

别名： aldo-keto reductase family 1, member C4; C11; CDR; DD4; CHDR; DD-4; HAKRA; 3-alpha-HSD

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 1-323 amino acids of human AKR1C4

技术规格

Full name:	aldo-keto reductase family 1, member C4
Synonyms:	C11; CDR; DD4; CHDR; DD-4; HAKRA; 3-alpha-HSD
Swissprot:	P17516
Gene Accession:	BC020744
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and

ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme catalyzes the bioreduction of chlordecone, a toxic organochlorine pesticide, to chlordec one alcohol in liver. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14.