

Recombinant Human AKR1C4

Catalog No: #GP11644



Package Size: #GP11644-1 100ug

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Description

Product Name	Recombinant Human AKR1C4
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	aldo-keto reductase family 1, member C4
Other Names	C11; CDR; DD4; CHDR; DD-4; HAKRA; 3-alpha-HSD
Accession No.	Swissprot:P17516Gene Accession:BC020744
Uniprot	P17516
GeneID	1109;
Storage	-20~-80°C, pH 7.6 PBS

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 chlordecone 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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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