

Product datasheet for TP720265M

AKR1C2 (NM_001135241) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Recombinant protein of human similar to hCG2017792 (LOC100134257) Species: Human **Expression Host:** E. coli **Expression cDNA Clone** Met1-Tyr323 or AA Sequence: Tag: Tag Free Predicted MW: 36.7 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl Endotoxin: < 0.1 EU per µg protein as determined by LAL test Store at -80°C. Storage: Stability: Stable for at least 3 months from date of receipt under proper storage and handling conditions. NP 001128713 **RefSeq:** Locus ID: 1646 **UniProt ID:** P52895 **Cytogenetics:** 10p15.1 Synonyms: AKR1C-pseudo; BABP; DD; DD-2; DD/BABP; DD2; DDH2; HAKRD; HBAB; MCDR2; SRXY8; TDD Summary: 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 using NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme binds bile acid with high affinity, and shows minimal 3-alpha-hydroxysteroid dehydrogenase activity. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]



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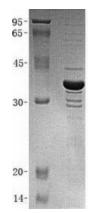
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Seven AKR1C2 (NM_001135241) Human Recombinant Protein – TP720265M

Protein Families: Druggable Genome

Protein Pathways: Metabolism of xenobiotics by cytochrome P450

Product images:



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