

Product Data Sheet

Recombinant Human AKR1C2 Protein

Catalog #	Source	Reactivity	Applications
CRP1033	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human AKR1C2 Protein is produced by E. coli expression system and the target gene encoding Met1-Tyr323 is expressed.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, pH 8.0.		
Gene Symbol	AKR1C2		
Alternative Names	DDH2; Aldo-keto reductase family 1 member C2; 3-α-HSD3; Chlordecone reductase homolog HAKRD; Dihydrodiol dehydrogenase 2; DD-2; DD2; Dihydrodiol dehydrogenase/bile acid-binding protein; DD/BABP; Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase; Type II		
Entrez Gene	1646 (Human)		
SwissProt	P52895 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MDSKYQCVKL NDGHFMPVLG FGTYAPAEVP KSKALEAVKL AIEAGFHHID SAHVYNNEEQ VGLAIRSKIA DGSVKREDIF YTSKLWSNSH RPELVPALE RSLKNLQLDY VDLYLHFPV SVKPGEEVIP KDENGKILFD TVDLCATWEA MEKCKDAGLA KSIGVSNFNH RLLEMILNKP GLKYKPVCNQ VECHPYFNQR KLLDFCKSKD IVLVAYSALG SHREEPWVDP NSPVLLEDPV LCALAKKHKR TPALIALRYQ LQRGVVVLAK SYNEQRIRQN VQVFEFQLTS EEMKAIDGLN RNVRYLTLDI FAGPPNYPFS DEY		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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