

SDR families

SDR family designation	Family name	Uniprot representative	#mbrs	M	E	B	A
SDR1E	UDP-glucose 4-epimerase	GALE_HUMAN	11018	x	x	x	x
SDR2E	dTDP-D-glucose 4,6-dehydratase	TGDS_HUMAN	9127	x	x	x	x
SDR3E	GDP-mannose 4,6 dehydratase	GMDS_HUMAN	5164	x	x	x	x
SDR4E	GDP-L-fucose synthetase	FCL_HUMAN	3750	x	x	x	x
SDR5C	3-hydroxyacyl-CoA dehydrogenase type II	HCD2_HUMAN	3219	x	x	x	
SDR6E	UDP-glucuronic acid decarboxylase	UXS1_HUMAN	3116	x	x	x	x
SDR7C	NADPH-dependent retinal reductase	RDH14_HUMAN	1761	x	x	x	x
SDR8C	Peroxisomal multifunctional enzyme	DHB4_HUMAN	3612	x	x	x	x
SDR9C	Multisubstrate SDR9C with preference for NAD(H)	DHB2_HUMAN	912	x	x		
SDR10E	Fatty acyl-CoA reductase	FACR1_HUMAN	957	x	x	x	
SDR11E	3 beta-hydroxysteroid dehydrogenase	3BHS1_HUMAN	368	x	x		
SDR12C	NADP(H)-dependent 17-beta-hydroxysteroid dehydrogenase (SDR12C)	DHB12_HUMAN	781	x	x		
SDR13C	SDR13C with unknown substrate specificity	HSDL2_HUMAN	1210	x	x	x	x
SDR14E	L-threonine dehydrogenase	TDH_MOUSE	1532	x	x	x	x
SDR15C	3-hydroxybutyrate dehydrogenase	BDH2_HUMAN	923	x	x	x	
SDR16C	Multisubstrate NADP(H)-dependent SDR16C	DHB13_HUMAN	729	x	x	x	
SDR17C	Peroxisomal 2,4-dienoyl-CoA reductase	DECR2_HUMAN	1052	x	x	x	
SDR18C	Microsomal 2,4-dienoyl-CoA reductase	DECR_HUMAN	962	x	x	x	x
SDR19C	SDR19C with unknown substrate specificity	DHRS1_HUMAN	489	x	x	x	
SDR20C	L-xylulose reductase	DCXR_HUMAN	428	x	x	x	
SDR21C	NADPH-dependent carbonyl reductases 1 and 3	CBR1_HUMAN	369	x	x	x	
SDR22E	NADH dehydrogenase (Ubiquinone) 1 alpha subcomplex 9	NDUA9_HUMAN	786	x	x	x	
SDR23E	Methionine adenosyltransferase 2 subunit beta	MAT2B_HUMAN	281	x	x	x	
SDR24C	SDR24C with unknown substrate specificity	DHR11_HUMAN	477	x	x	x	
SDR25C	SDR25C with unknown substrate specificity	DHRS2_HUMAN	1166	x	x	x	
SDR26C	11-beta-hydroxysteroid dehydrogenases 1 and 3	DHI1_HUMAN	256	x	x		
SDR27X	Fatty acid synthase	FAS_HUMAN	355	x	x		
SDR28C	Multisubstrate SDR28C	DHB1_HUMAN	273	x	x		
SDR29C	Peroxisomal trans-2-enoyl-CoA reductase	PECR_HUMAN	702	x	x	x	
SDR30C	NAD(H)-dependent 17-beta-hydroxysteroid dehydrogenase (SDR30C)	DHB8_HUMAN	173	x	x	x	
SDR31E	Sterol-4-alpha-carboxylate 3-dehydrogenase	NSDHL_HUMAN	334	x	x	x	
SDR32C	SDR32C with unknown substrate specificity	DRS7B_HUMAN	301	x	x		
SDR33C	Dihydropteridine reductase	DHPR_HUMAN	239	x	x		
SDR34C	SDR34C with unknown substrate specificity	DHRS7_HUMAN	438	x	x	x	
SDR35C	3-ketodihydrospingosine reductase	FVT1_HUMAN	378	x	x	x	
SDR36C	15-hydroxyprostaglandin dehydrogenase	PGDH_HUMAN	156	x	x	x	
SDR37C	17-beta-hydroxysteroid dehydrogenase (SDR37C)	DHB7_HUMAN	139	x	x		
SDR38C	Sepiapterin reductase	SPRE_HUMAN	132	x	x		
SDR39U	SDR39U with unknown substrate specificity	CN124_BOVIN	199	x	x		
SDR40C	SDR40C with unknown substrate specificity	DHR12_HUMAN	238	x	x	x	
SDR41C	SDR41C with unknown substrate specificity	WVOX_HUMAN	169	x	x		
SDR42E	SDR42E with unknown substrate specificity	D42E1_HUMAN	357	x	x		
SDR43U	Flavin reductase	BLVRB_HUMAN	129	x	x		
SDR44U	HIV-1 TAT-interactive protein 2	HTAI2_HUMAN	125	x	x		
SDR45C	NADPH-dependent carbonyl reductase	CBR4_HUMAN	114	x	x		

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SDR47C	NADH-dependent 17-beta-hydroxysteroid dehydrogenase (SDR47C)	DHB14_HUMAN	96	x	x	x	
SDR48A	SDR48A with unknown function (NmrA-like)	NMRL1_HUMAN	121	x	x	x	