

Recombinant Human SORD Protein

Catalog #	Source	Reactivity	Applications
CRP2328	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human SORD Protein is produced by our mammalian expression system and the target gene encoding Ala2-Pro357 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 0.2M NaCl, 5mM DTT, 20% glycerol, pH 8.0.		
Gene Symbol	SORD		
Alternative Names	Sorbitol dehydrogenase; L-Iditol 2-dehydrogenase		
Entrez Gene	6652 (Human)		
SwissProt	Q00796 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	AAAAKPNNLS LVVHGPGLR LENYPIPEPG PNEVLLRMHS VGICGSDVHY WEYGRIGNFI VKKPMVLGHE ASGTVEKVGVS SVKHLKPGDR VAIEPGAPRE NDEFCKMGY NLSPSIFCA TPPDDGNLCR FYKHNAFCY KLPDNVTFFEE GALIEPLSVG IHACRRGGVT LGHKVLVCGA GPIGMVTLV AKAMGAAQVV VTDLSATRLS KAKEIGADLV LQISKESPQE IARKVEGQLG CKPEVTIECT GAEASIQAGI YATRSGGTLV LVGLGSEMTT VPLLHAAIRE VDIKGVFRYC NTWPVAISML ASKSVNVKPL VTHRFPLEKA LEAFETFCKG LGLKIMLKCD PSDQNPVDHH HHHH		
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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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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Product Data Sheet

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