

## **Product Data Sheet**

## **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 LVVHGPGDLR LENYPIPEPG PNEVLLRMHS VGICGSDVHY WEYGRIGNFI

VKKPMVLGHE ASGTVEKVGS SVKHLKPGDR VAIEPGAPRE NDEFCKMGRY NLSPSIFFCA

TPPDDGNLCR FYKHNAAFCY KLPDNVTFEE GALIEPLSVG IHACRRGGVT LGHKVLVCGA

GPIGMVTLLV AKAMGAAQVV VTDLSATRLS KAKEIGADLV LQISKESPQE IARKVEGQLG

CKPEVTIECT GAEASIQAGI YATRSGGTLV LVGLGSEMTT VPLLHAAIRE VDIKGVFRYC

NTWPVAISML ASKSVNVKPL VTHRFPLEKA LEAFETFKKG LGLKIMLKCD PSDQNPVDHH

**HHHH** 

Quality Control Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) 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.

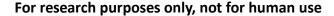
**Storage/Stability** Store it at -20°C to -80°C for one year.

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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