

Recombinant Human SORD, His-tagged

Cat. No. SORD-2878H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SORD protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-357aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	SORD sorbitol dehydrogenase [Homo sapiens]
Official Symbol	SORD
Synonyms	SORD; sorbitol dehydrogenase; L-iditol 2-dehydrogenase; SORD1;
Gene ID	6652

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq	NM_003104
Protein Refseq	NP_003095
MIM	182500
UniProt ID	Q00796
Chromosome Location	15q15-q21.1
Pathway	Fructose and mannose metabolism, organism-specific biosystem; Fructose and mannose metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; sorbitol degradation I, organism-specific biosystem;
Function	L-iditol 2-dehydrogenase activity; L-iditol 2-dehydrogenase activity; NAD binding; metal ion binding; oxidoreductase activity; sugar binding; zinc ion binding; zinc ion binding;

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