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Datasheet for ABIN4370737
SORD Protein (AA 2-357) (His tag)

Overview

Quantity:	50 µg
Target:	SORD
Protein Characteristics:	AA 2-357
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SORD protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Sorbitol Dehydrogenase/SORD (C-6His)
Sequence:	AAAAKPNNLS LVVHGPGDLR LENYPIPEPG PNEVLLRMHS VGICGSDVHY WEYGRIGNFI VKKPMVLGHE ASGTVEKVGVS SVKHLKPGDR VAIEPGAPRE NDEFCKMGRY NLSPSIFCCA TPPDDGNLCR FYKHNA AFCY KLPDNTVFEE GALIEPLSVG IHACRRGGVT LGHKVLVCGA GPIGMVTLLV AKAMGAAQVV VTDLSATRLS KAKEIGADLV LQISKESPQE IARKVEGQLG CKPEVTIECT GAEASIQAGI YATRSGGTLV LVGLGSEM TT VPLLHAAIRE VDIKGVFRYC NTWPVAISML ASKSVNVKPL VTHRFPLEKA LEAFETFKKG LGLKIMLKCD PSDQNPVDHH HHHH
Characteristics:	Recombinant Human Sorbitol Dehydrogenase/SORD (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	SORD
Alternative Name:	Sorbitol Dehydrogenase (SORD Products)
Molecular Weight:	39.3 kDa
UniProt:	Q00796

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 0.2M NaCl, 5 mM DTT, 20 % glycerol, pH 8.0.
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Expiry Date:	6 months