

Product Datasheet

Recombinant Human Aldo-keto Reductase 1C3/AKR1C3 Protein NBP2-52276-0.01mg

Unit Size: 0.01 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 5/13/2019 v.20.1

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NBP2-52276-0.01mg**Recombinant Human Aldo-keto Reductase 1C3/AKR1C3 Protein**

Product Information	
Unit Size	0.01 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.5), 0.1 M NaCl, 10% glycerol, 1 mM DTT
Target Molecular Weight	36.8 kDa
Product Description	
Description	An un-tagged recombinant protein corresponding to the amino acids 1-323 of Human Aldo-keto Reductase 1C3/AKR1C3 Source: <i>E.coli</i> Amino Acid Sequence: MDSKHQCVKL NDGHFMPVLG FGTYAPPEVP RSKALEVTKL AIEAGFRHID SAHLYNNEEQ VGLAIRSKIA DGSVKREDIF YTSKLWSTFH RPELVRPALE NSLKKAQLDY VDLYLIHSPM SLKPGEELSP TDENGKVIFD IVDLCTTWEA MEKCKDAGLA KSIGVSNFNR RQLEMILNKP GLKYKPVCNQ VECHPYFNRS KLLDFCKSKD IVLVAYSALG SQRDKRWVDP NSPVLLEDPV LCALAKKHKR TPALIALRYQ LQRGVVVLAK SYNEQRIRQN VQVFEFQLTA EDMKAIDGLD RNLHYFNSDS FASHPNYPYS DEY
Gene ID	8644
Gene Symbol	AKR1C3
Species	Human
Details of Functionality	Specific activity is > 1,000 pmol/min/ug, and is defined as the amount of enzyme that catalyze the oxidation of 1.0 pmole 1-Acenaphthenol in the presence of NADP per minute at pH 8.8 at 25C.
Endotoxin Note	< 1.0 EU per 1ug of protein (determined by LAL method)
Product Application Details	
Applications	Functional, SDS-Page, Bioactivity
Recommended Dilutions	Functional, SDS-Page, Bioactivity



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Limitations

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