

Product Datasheet

Recombinant Human Aldo-keto Reductase 1C4/AKR1C4 Protein NBP2-52277-0.02mg

Unit Size: 0.02 mg

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

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NBP2-52277-0.02mg**Recombinant Human Aldo-keto Reductase 1C4/AKR1C4 Protein**

Product Information	
Unit Size	0.02 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	37 kDa
Product Description	
Description	An un-tagged recombinant protein corresponding to the amino acids 1-323 of Human Aldo-keto Reductase 1C4/AKR1C4 Source: <i>E.coli</i> Amino Acid Sequence: MDPKYQRVEL NDGHFMPVLG FGTYAPPEVP RNRAVEVTKL AIEAGFRHID SAYLYNNEEQ VGLAIRSKIA DGSVKREDIF YTSKLWCTFF QPQMVQPALE SSLKKLQLDY VDLYLLHFPM ALKPGETPLP KDENGKVIDF TVDLSATWEV MEKCKDAGLA KSIGVSNFNC RQLEMILNKP GLKYKPVCNQ VECHPYLNQS KLLDFCKSKD IVLVAHSALG TQRHKLWVDP NSPVLLEDPV LCALAKKHKR TPALIALRYQ LQRGVVVLAK SYNEQRIREN IQVFEFQLTS EDMKVLDGLN RNYRYVVMDF LMDHPDYPFS DEY
Gene ID	1109
Gene Symbol	AKR1C4
Species	Human
Details of Functionality	Specific activity is > 700 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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