

Product Datasheet

Recombinant Human AKR1B1 Protein NBC1-22925

Unit Size: 0.1 mg

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

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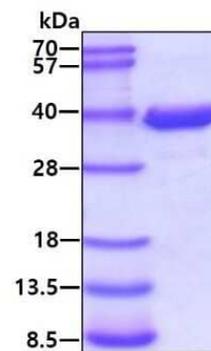
NBC1-22925

Recombinant Human AKR1B1 Protein

Product Information	
Unit Size	0.1 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	>95%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.0), 1 mM DTT, 10% glycerol
Target Molecular Weight	35.8 kDa
Product Description	
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 1-316 of Human AKR1B1</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MASRLLLNG AKMPILGLGT WKSPPGQVTE AVKVAIDVGY RHIDCAHVYQ NENEVGVAIQ EKLREQVVKR EELFIVSKLW CTYHEKGLVK GACQKTLSDL KLDYLDLYLI HWPTGFKPGK EFFPLDESGN VVPSDTNILD TWAAMEELVD EGLVKAIGIS NFNHLQVEMI LNKPGLKYKP AVNQIECHPY LTQEKLQYC QSKGIVVTAY SPLGSPDRPW AKPEDPSLLE DPRIKAI AAK HNKTTAQVLI RFPMQRNLVV IPKSVTPERI AENFKVDFE LSSQDMTTLL SYNRNWRVCA LLSCTSHKDY PFHEEF</p>
Gene ID	231
Gene Symbol	AKR1B1
Species	Human
Details of Functionality	Specific activity is >800 pmol/min/ug, and is defined as the amount of enzyme that catalyze the reduction of 1.0 pmole DL-glyceraldehyde in the presence of NADPH per minute at pH7.0 at 37C.
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

Images

SDS-Page: Recombinant Human AKR1B1 Protein [NBC1-22925] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.





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Products Related to NBC1-22925

NBP2-51989-0.1mg	Recombinant Mouse AKR1B1 His Protein
236-EG-200	EGF [Unconjugated]
NBP1-89146	AKR1B1 Antibody
DY413-05	IL-13 [Biotin]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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