

# Product Datasheet

## Recombinant Human AKR7A3 Protein NBP2-52286-0.005mg

Unit Size: 0.005 mg

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

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**NBP2-52286-0.005mg**

## Recombinant Human AKR7A3 Protein

Product Information	
Unit Size	0.005 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), 10% glycerol
Target Molecular Weight	37.7 kDa
Product Description	
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 1-331 of Human AKR7A3</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MSRQLSRARP ATVLGAMEMG RRMDAPTSAA VTRAFLEGRGH TEIDTAFVYS EGQSETILGG LGLRLGGSDC RVKIDTKAIP LFGNSLKPDS LRFQLETSLK RLQCPRVDLF YLHMPDHSTP VEETLRACHQ LHQEGKFVEL GLSNYAWEV AEICTLCKSN GWILPTVYQG MYNAITRQVE TELFPCLRHF GLRFYAFNPL AGLLTGKYK YEDKDGKQPV GRFFGNTWAE MYRNRYWKEH HFEGIALVEK ALQAAYGASA PSMTSATLRW MYHHSQLQGA HGDAVILGMS SLEQLEQNLA AAEEGGLEPA VVDAFNQAWH LVAHECPNYF R</p>
Gene ID	22977
Gene Symbol	AKR7A3
Species	Human
Details of Functionality	Specific activity is > 800 pmol/min/ug, and is defined as the amount of enzyme that catalyze the reduction 1.0 pmole of 1,2-Naphthoquinone presence of NADPH per minute at pH 7.0 at 25C.
Endotoxin Note	< 1.0 EU per 1 microgram 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**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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