

# Product Datasheet

## Recombinant Human Aspartate Aminotransferase His Protein

**NBP2-52179-0.02mg**

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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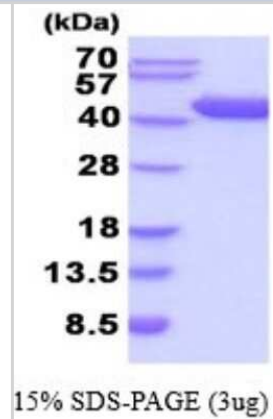
**NBP2-52179-0.02mg**

## Recombinant Human Aspartate Aminotransferase His Protein

Product Information	
Unit Size	0.02 mg
Concentration	0.5 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), 20% glycerol, 2 mM DTT, 100 mM NaCl
Target Molecular Weight	48.4 kDa
Product Description	
Description	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-413 of Human Aspartate Aminotransferase</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SGLVPRGSH MAPPSVFAEV PQAQPVLVFK LTADFREDPD PRKVN LGVGA YRTDDCHPWV LPVVKKVEQK IANDNSLNHE YLPILGLAEF RSCASRLALG DDSPALKEKR VGGVQSLGGT GALRIGADFL ARWYNGTNNK NTPVYVSSPT WENHNAVFS A AGFKDIRSYR YWDAEKRLD LQGFLNDLEN APEFSIVVLH ACAHNPTGID PTPEQWKQIA SVMKHRFLFP FFDSAYQGFA SGNLERDAWA IRYFVSEGFE FFCAQSFSKN FGLYNERVGN LTVVGKEPES ILQVLSQMEK IVRITWSNPP AQQARIVAST LSNPELFEW TGNVKTADR ILTMRSELRA RLEALKTPGT WNHITDQIGM FSFTGLNPKQ VEYLVNEKHI YLLPSGRINV SGLTTKNLDY VATSIHEAVT KIQ</p>
Gene ID	2805
Gene Symbol	GOT1
Species	Human
Details of Functionality	Specific activity is > 50 units/mg, and is defined as the amount of enzyme that converts 1umole of a-ketoglutarate to L-Glutamate per minute at pH 8.0 at 25C.
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 Aspartate Aminotransferase Protein [NBP2-52179] - 15% SDS Page (3 ug)





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### **Products Related to NBP2-52179-0.02mg**

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NBP1-45265-0.1mg	Recombinant Human Aspartate Aminotransferase His Protein
NB100-1793	Pancreatic Polypeptide/PP Antibody
NBP1-54778	Aspartate Aminotransferase Antibody
NBP2-24915	SOD1/Cu-Zn SOD Antibody

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### **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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