

# 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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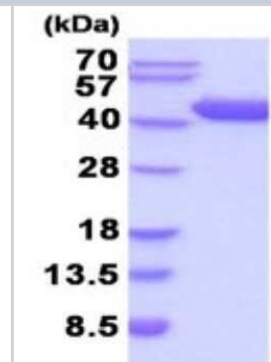
**NBP2-52179-0.02mg****Recombinant Human Aspartate Aminotransferase His Protein**

<b>Product Information</b>	
<b>Unit Size</b>	0.02 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	20 mM Tris-HCl buffer (pH 8.0), 20% glycerol, 2 mM DTT, 100 mM NaCl
<b>Target Molecular Weight</b>	48.4 kDa
<b>Product Description</b>	
<b>Description</b>	<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 SSGLVPRGSH MAPPSVFAEV PQAQPVLVFK LTADFREDPD PRKVN LGVGA YRTDDCHPWV LPVVKKVEQK IANDNSLNHE YLPILGLAEF RSCASRLALG DDSPALKEKR VGGVQSLGGT GALRIGADFL ARWYNGTNNK NTPVYVSSPT WENHNAVFS A AGFKDIRSYR YWDAEKRG LD LQGFLNDLEN APEFSIVVLH ACAHNPTGID PTPEQWKQIA SVMKHRFLFP FFDSAYQGFA SGNLERDAWA IRYFVSEGFE FFCAQSFSKN FGLYNERVGN LTVVGKEPES ILQVLSQMEK IVRITWSNPP AQGARIVAST LSNPELFEEW TGNVKTMA DR ILTMRSELRA RLEALKTPGT WNHITDQIGM FSFTGLNPKQ VEYLVNEKHI YLLPSGRINV SGLTTKNLDY VATSIHEAVT KIQ</p>
<b>Gene ID</b>	2805
<b>Gene Symbol</b>	GOT1
<b>Species</b>	Human
<b>Details of Functionality</b>	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.
<b>Endotoxin Note</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Enzyme Activity
<b>Recommended Dilutions</b>	SDS-Page, Enzyme Activity



## Images

SDS-Page: Recombinant Human Aspartate Aminotransferase Protein  
[NBP2-52179] - 15% SDS Page (3 ug)



15% SDS-PAGE (3ug)



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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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