

Product datasheet

Recombinant human Aspartate Aminotransferase protein (His tag) ab206809

[1 Image](#)

Description

Product name	Recombinant human Aspartate Aminotransferase protein (His tag)	
Biological activity	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 25°C.	
Purity	> 95 % SDS-PAGE. ab206809 was purified using conventional chromatography techniques.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	Escherichia coli	
Accession	<u>P17174</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre> MGSSHHHHHH SGLVPRGSH MAPPSVFAEV PQAQPVLVFK LTADFREDPD PRKVNLGVGA YRTDDCHPWV LPVVKKVEQK IANDNSLNHE YLPILGLAEF RSCASRLALG DDSPALKEKR VGGVQSLGGT GALRIGADFL ARWYNGTNNK NTPVYVSSPT WENHNAVFS AAGFKDIRSYR YWDAEKRGLD LQGFLNDLEN APEFSMVLH ACAHNPTGID PTPEQWKQIA SVMKHRFLFP FFDSAYQGFA SGNLERDAWA IRYFVSEGFE FFCAQSFSKN FGLYNERVGN LTVVGKEPES ILQVLSQMEK IVRITWSNPP AQQARIVAST LSNPELFEEW TGNVKTMA DRIL TMRSELRA RLEALKTPGT WNHITDQIGM FSFTGLNPKQ VEYLVNEKHI YLLPSGRINV SGLTTKNLDY VATSIHEAVT KIQ </pre>	
Predicted molecular weight	48 kDa including tags	
Amino acids	1 to 413	
Tags	His tag N-Terminus	
Additional sequence information	NP_002070.	

Specifications

Our **Abpromise guarantee** covers the use of **ab206809** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

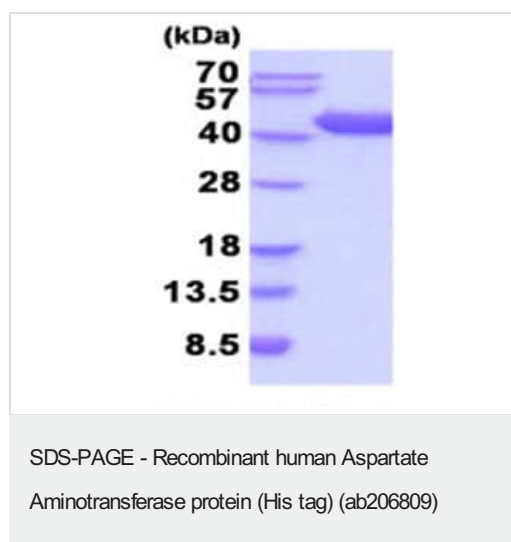
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.03% DTT, 0.58% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Function	Plays a key role in amino acid metabolism.
Sequence similarities	Belongs to the class-I pyridoxal-phosphate-dependent aminotransferase family.
Cellular localization	Cytoplasm.

Images



15% SDS-PAGE analysis of ab206809 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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