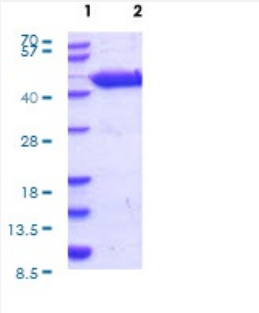
Bioactive Full-Length

Got1 (Mouse) Recombinant Protein

Catalog # P7933 Size 100 ug

Applications



Specification

Product Description	Mouse Got1 (P05201, 1 a.a. - 413 a.a.) full length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MAPPSVFAQVPQAPPVLVFKLTADFRDDPDPRKVNLGVGAYRTDESQPWVLPVVRKVEQKIAN DNSLNHEYLPILGLAEFRSCASRLVLGDNSLAIRENRVGGVQSLGGTGALRIGADFLGRWYNGTDN KNTPIYVSSPTWENHNAVFSAAGFKDIRPYCYWDAEKRGLDLQGFLNDLENAPEFSIFVLHACAH NPTGTDPTPEQWKQIAAVMQRRFLFPFFDSAYQGFASGDLEKDAWAIRYFVSEGFELFCAQSFS KNFGLYNERVGNLTVVGKESDSVLRVLSQMEKIVRITWSNPPAQGARIVAATLSDPELFKEWKGN VKTMADRILTMRSELRARLEALKTPGTWSHITEQIGMFSFTGLNPKQVEYLVNEKHIYLLPSGRINM CGLTTKNLDYVATSIHEAVTKIQ
Host	Escherichia coli
Theoretical MW (kDa)	48.6
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Activity	Specific activity is > 80 unit/mg, and is defined as the amount of enzyme that converts 1.0 micromole of alpha-ketoglutarate to L-Glutamate per minute at pH 8.0 at 25°C.

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Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol, 1 mM DTT)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Got1

Entrez GeneID	14718
Protein Accession#	P05201
Gene Name	Got1
Gene Alias	AI789014, Got-1, cAspAT
Gene Description	glutamate oxaloacetate transaminase 1, soluble
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTMUSP00000027809|cytosolic aspartate aminotransferase

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