

Datasheet for ABIN1046580

GOT2 Protein (AA 33-279, partial) (GST tag)



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1 Image

1 Publication

Overview

Quantity:	50 µg
Target:	GOT2
Protein Characteristics:	AA 33-279, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GOT2 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	<p>WTHVEMGPPD PILGVTEAFK RDTNSKKMNL GVGAYRDDNG KPYVLPSVRK AEAQIAAKNL</p> <p>DKEYLPIGGL AEFCKASAEL ALGENSEVLK SGRFVTVQTI SGTGALRIGA SFLQRFFKFS</p> <p>RDVFLPKPTW GNHTPIFRDA GMQLQGYRYY DPKTCGFDFD GAVEDISKIP EQSVLLHAC</p> <p>AHNPTGVDPR PEQWKEIATV VKKRNLFAFF DMAYQGFASG DGDKDAWAVR HFIEQGINVC</p> <p>LCQSYAK</p>
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	GOT2
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Target Details

Alternative Name:	Aspartate aminotransferase, mitochondrial protein (GOT2 Products)
Background:	Plays a key role in amino acid metabolism. Important for metabolite exchange between mitochondria and cytosol. Facilitates cellular uptake of long-chain free fatty acids.
Molecular Weight:	54.8 kD
UniProt:	P00505
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

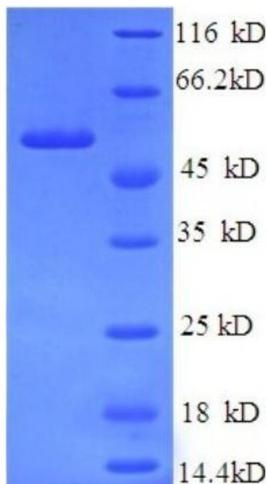
Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Publications

Product cited in:	Pol, Bousquet-Lemerrier, Pave-Preux, Pawlak, Nalpas, Berthelot, Hanoune, Barouki: "Nucleotide
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sequence and tissue distribution of the human mitochondrial aspartate aminotransferase mRNA." in: **Biochemical and biophysical research communications**, Vol. 157, Issue 3, pp. 1309-15, (1989) ([PubMed](#)).



SDS-PAGE			
Image	1.	Glutamic-Oxaloacetic Transaminase 2, Mitochondrial (Aspartate Aminotransferase 2) (GOT2) (AA 33-279), (partial) protein (GST tag)	