

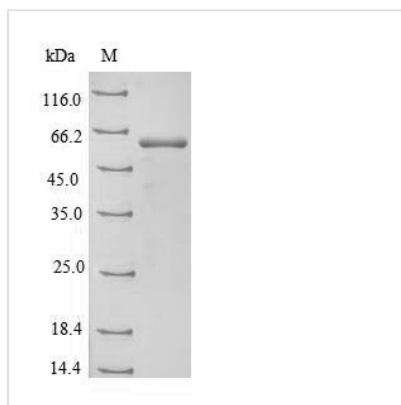


Recombinant Bovine Aspartate aminotransferase, mitochondrial (GOT2)

Product Code	CSB-EP009681BO
Relevance	Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA). 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 (By similarity).
Abbreviation	Recombinant Bovine GOT2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P12344
Alias	Fatty acid-binding protein Short name: FABP-1 Glutamate oxaloacetate transaminase 2 Kynurenine aminotransferase 4 Kynurenine aminotransferase IV Kynurenine--oxoglutarate transaminase 4 Kynurenine--oxoglutarate transaminase IV Plasma membrane-associated fatty acid-binding protein Short name: FABPpm Transaminase A
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GLAAAASARASSWWAHVEMGPPDPILGVTEAFKRDTNSKKMNLGVGAYRDD NGKPYVLPSVRKAEQAIAAKNLDKEYLPIAGLAEFCKASAELALGENNEVLKSG RYVTVQTISGTGALRIGASFLQRFFKFSRDVFLPKPTWGNHTPIFRDAGMQLQ SYRYYPKTCGFDFTGAIEDISKIPAQSVILLHACAHNPTGVDPRPEQWKEMAT VVKNNLFAFFDMAYQGFASGDGNKDAWAVRHFIEQGINVCLCQSYAKNMGL YGERVGAFTVVCKDAEEAKRVESQLKILIRPMYSNPPINGARIASTILTSPDLRK QWLHEVKGMADRIISMRTQLVSNLKKEGSSHNWQHIIQIGMFCYTGLKPEQV ERLTKEFSIYMTKDGRISVAGVTSGNVAYLAHAHQVTK
Research Area	Metabolism
Source	E.coli
Target Names	GOT2
Expression Region	20-430aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	61.5kDa
Protein Length	Full Length of Mature Protein



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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