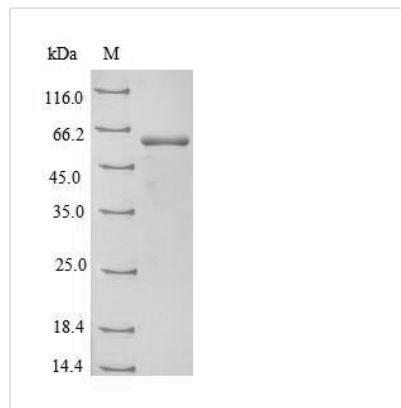




Recombinant Bovine Aspartate aminotransferase, mitochondrial(GOT2)

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).
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
Storage Buffer	Tris-based buffer,50% glycerol
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
Species	Bos taurus (Bovine)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GLAAAASARASSWWAHVEMGPPDPILGVTEAFKRDTNSKMMNLGVGAYRDD NGKPYVLPSVRKAEAQIAAKNLDKEYLPIAGLAEFCKASAELALGENNEVLKSG RYVTVQTISGTGALRIGASFLQRFFKFSRDVFLPKPTWGNHTPIFRDAGMQLQ SYRYYPKTCGFDFTGAIEDISKIPAQSVILLHACAHNPTGVDPRPEQWKEMAT VVKNNLFAFFDMAYQGFASGDGNKDAWAVRHFIQGINVCLCQSYAKNMGL YGERVGAFTVVCKDAEEAKRVESQLKILIRPMYSNPPINGARIASTILTSPDLRK QWLHEVKGMA DRIISMRTQLVSNLKEGSSHNWQHIIDQIGMFCYTGLKPEQV ERLTKEFSIYMTKDGRISVAGVTSGNVAYLAHAIHQVTK
Research Area	Metabolism
Source	E.coli
Gene 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 Description	Full Length of Mature Protein

**Image**

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