Arginine biosynthesis bifunctional protein ArgJ, chloroplastic (RCOM_1202350), Recombinant Protein

Cat *RP19173*

Species
Ricinus communis (Castor bean)

Full Product Name
Recombinant Ricinus communis Arginine biosynthesis bifunctional protein ArgJ, chloroplastic (RCOM_1202350), partial

Product Gene Name
RCOM_1202350 recombinant protein

Purity
Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
48,958 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

NCBI Accession
XP_002531335.1

NCBI GI
255581038

NCBI GenBank Nucleotide
XM_002531289.2

NCBI GeneID
8269377

NCBI Official Full Name
arginine biosynthesis bifunctional protein ArgJ, chloroplastic

NCBI Official Symbol
LOC8269377

NCBI Protein Information
arginine biosynthesis bifunctional protein ArgJ, chloroplastic

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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https://www.cd-biosciences.com/plant-protein/

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UniProt Gene Name
RCOM_1202350

UniProt Synonym Gene Names
GAT; OATase; AGS

UniProt Protein Name
Arginine biosynthesis bifunctional protein ArgJ, chloroplastic

UniProt Synonym Protein Names
N-acetylglutamate synthase

UniProt Primary Accession
B9SZB6

UniProt Related Accession
B9SZB6

UniProt Comments
Catalyzes two activities which are involved in the cyclic version of arginine biosynthesis: the synthesis of acetylglutamate from glutamate and acetyl-CoA, and of ornithine by transacetylation between acetylornithine and glutamate.

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