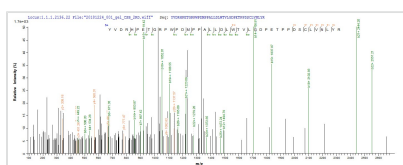




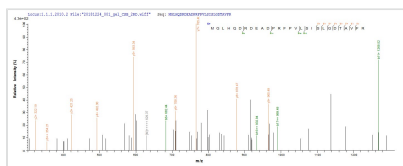
Recombinant *Caulobacter vibrioides* Alpha-ketoglutarate-dependent dioxygenase AlkB homolog (alkB)

Product Code	CSB-EP489400DQP
Abbreviation	Recombinant <i>Caulobacter vibrioides</i> alkB 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.	B8GWW6
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Protein
Immunogen Species	<i>Caulobacter vibrioides</i> (strain NA1000 / CB15N) (<i>Caulobacter crescentus</i>)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MAVVRRAVAARGLQMIKPLTVVPGFDVWPGLLDISAQRALVEAVLAGAEQAP FSNYRTAYGKPM SVAMTALGSLGWTSDARGYRYVDRHPETGRPWPDMPPAL LDLWTVLGDPEPTPPDSCLVNLYRDGARMGLHQDRDEADPRFPVLSISLGDTA VFRIGGVNRKDPTRSLRLASGDVCRLLGPARLAFHGVDRILPGSSSLVPGGGR INLTLRRTA
Research Area	Epigenetics and Nuclear Signaling
Source	<i>E. coli</i>
Target Names	alkB
Protein Names	Recommended name: Alpha-ketoglutarate-dependent dioxygenase AlkB homolog EC= 1.14.11.-
Expression Region	1-220aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	31.2 kDa
Protein Length	Full Length

Image



Based on the SEQUEST from database of *E. coli* host and target protein, the LC-MS/MS Analysis result of CSB-EP489400DQP could indicate that this peptide derived from *E. coli*-expressed *Caulobacter vibrioides* (strain NA1000 / CB15N) (*Caulobacter crescentus*) alkB.



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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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