

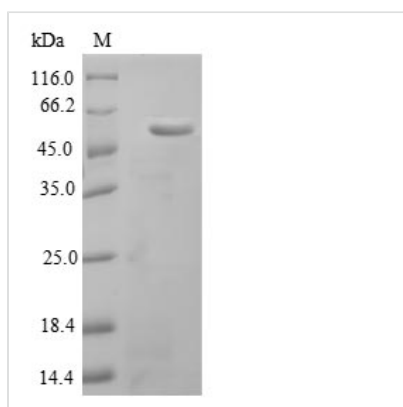


Recombinant Mouse Adipocyte enhancer-binding protein 1 (Aebp1), partial

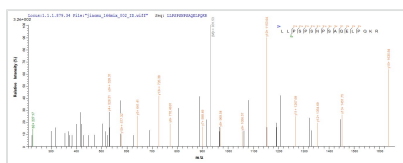
Product Code	CSB-EP723715MO
Relevance	Isoform 2 may positively regulate MAP-kinase activity in adipocytes, leading to enhanced adipocyte proliferation and reduced adipocyte differentiation. Isoform 2 may also positively regulate NF-kappa-B activity in macrophages by promoting the phosphorylation and subsequent degradation of I-kappa-B-alpha (NFKBIA), leading to enhanced macrophage inflammatory responsiveness. Can act as a transcriptional repressor.
Abbreviation	Recombinant Mouse Aebp1 protein, partial
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.	Q640N1
Alias	Aortic carboxypeptidase-like protein
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QTVLTDDDEIEEFLEGFLSELETQSPPREDDVEVQLPEPTQRPRKSKAGGKQR ADVEVPPEKNKDKEKKGKDKGPKATKPLEGSTRPTKKPKKEKPPKATKKPKE KPPKATKKPKKEKPPKATKKPKKEKPPKATKRPSAGKKFSTVAPLETLDRLLPSPS NPSAQELPQKRDTFPNAWQQGGEETQVEAKQPRPEPEEETEMPTLDYNDQ IEKEDYEDFEYIRRQKQPRPTPSRRRLWPERPEEKTEEPEERKEVEPPLKPLL PPDYGDSYVIPNYDDLDYYFPHPPPQKPDVGQEVDEEKEEMKKPKKEGSSPK EDTEDKWTVEKNKDHKGPRKGEELEEWAP
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	Aebp1
Protein Names	Recommended name: Adipocyte enhancer-binding protein 1 Short name= AE-binding protein 1 Alternative name(s): Aortic carboxypeptidase-like protein
Expression Region	26-370aa
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	55.8kDa
Protein Length	Partial



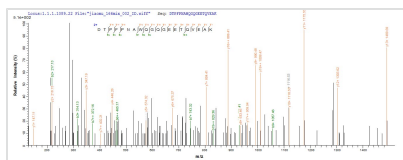
Image



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



Based on the SEQUEST from database of *E. coli* host and target protein, the LC-MS/MS Analysis result of CSB-EP723715MO could indicate that this peptide derived from *E. coli*-expressed *Mus musculus* (Mouse) Aebp1.



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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

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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