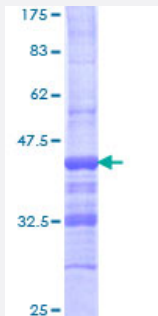


AEBP1 (Human) Recombinant Protein (Q01)

Catalog # H00000165-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human AEBP1 partial ORF (NP_001120, 912 a.a. - 1013 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VTDEQGIPIANATISVSGINHG VKTASGGDYWRILNPGEYRVTAHAEGYTPSAKTCNVDYDIGATQC NFILARSNWKRIREIMAMNGNRPIPHIDPSRPMT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.96
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AEBP1

Entrez GeneID [165](#)

GeneBank Accession# [NM_001129](#)

Protein Accession# [NP_001120](#)

Gene Name AEBP1

Gene Alias ACLP, FLJ33612

Gene Description AE binding protein 1

Omim ID [602981](#)

Gene Ontology [Hyperlink](#)

Gene Summary The adipocyte enhancer binding protein 1 is a transcriptional repressor with carboxypeptidase (C P) activity. This protein binds to a regulatory sequence, adipocyte enhancer 1 (AE-1), located in the proximal promoter region of the adipose P2 (aP2) gene, which encodes the adipocyte fatty-acid binding protein. It is characterized as a member of the regulatory B-like CP family. This protein seems to be activated by a novel mechanism, whereby the direct binding of DNA enhances its protease activity. Adipocyte-enhancer binding protein 1 may play a role in differentiated vascular smooth muscle cells. [provided by RefSeq]

Other Designations AE-binding protein 1|adipocyte enhancer binding protein 1|aortic carboxypeptidase-like protein