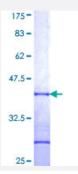


CEBPB (Human) Recombinant Protein (Q01)

Catalog # H00001051-Q01 Size 25 ug, 10 ug

Applications



Specification	
Product Description	Human CEBPB partial ORF (NP_005185, 256 a.a 344 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PSQVKSKAKKTVDKHSDEYKIRRERNNIAVRKSRDKAKMRNLETQHKVLELTAENERLQKKVEQL SRELSTLRNLFKQLPEPLLASSGH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (96); Rat (96)
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 — CEBPB	
Entrez GenelD	<u>1051</u>
GeneBank Accession#	NM_005194
Protein Accession#	NP_005185
Gene Name	СЕВРВ
Gene Alias	C/EBP-beta, CRP2, IL6DBP, LAP, MGC32080, NF-IL6, TCF5
Gene Description	CCAAT/enhancer binding protein (C/EBP), beta
Omim ID	<u>189965</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a ho modimer to certain DNA regulatory regions. It can also form heterodimers with the related protein s CEBP-alpha, CEBP-delta, and CEBP-gamma. The encoded protein is important in the regulati on of genes involved in immune and inflammatory responses and has been shown to bind to the IL -1 response element in the IL-6 gene, as well as to regulatory regions of several acute-phase and cytokine genes. In addition, the encoded protein can bind the promoter and upstream element an d stimulate the expression of the collagen type I gene. [provided by RefSeq
Other Designations	CCAAT/enhancer binding protein beta interleukin 6-dependent DNA-binding protein liver-enriche d transcriptional activator protein nuclear factor of interleukin 6 transcription factor 5

Disease

- Genetic Predisposition to Disease
- Obesity