

# Recombinant Full Length Human CREBL2 Protein, GST-tagged

Cat. No. CREBL2-2283HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CREBL2 full-length ORF ( NP_001301.1, 1 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	120 amino acids
<b>Description</b>	cAMP response element (CRE)-binding protein-like-2 (CREBL2) was identified in a search to find genes in a commonly deleted region on chromosome 12p13 flanked by ETV6 and CDKN1B genes, frequently associated with hematopoietic malignancies, as well as breast, non-small-cell lung and ovarian cancers. CREBL2 shares a 41% identity with CRE-binding protein (CREB) over a 48-base long region which encodes the bZip domain of CREB. The bZip domain consists of about 30 amino acids rich in basic residues involved in DNA binding, followed by a leucine zipper motif involved in protein dimerization. This suggests that CREBL2 encodes a protein with DNA binding capabilities. The occurrence of CREBL2 deletion in malignancy suggests that CREBL2 may act as a tumor suppressor gene. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	40.2 kDa
<b>AA Sequence</b>	MDDSKVVGGKVKKPGKRGRKPAKIDLKAKLERSRQSARECRARKKLRYQYLEELVSRERAICALREELEMYKQWCMAMDQGKIPSEIKALLTGEEQNKSQQNSSRHTKAGKTDANSNSW

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CREBL2 cAMP responsive element binding protein-like 2 [ Homo sapiens ]
<b>Official Symbol</b>	CREBL2
<b>Synonyms</b>	CREBL2; cAMP responsive element binding protein-like 2; cAMP-responsive element-binding protein-like 2; MHBs-binding protein 1; MGC117311; MGC138362
<b>Gene ID</b>	1389
<b>mRNA Refseq</b>	NM_001310
<b>Protein Refseq</b>	NP_001301
<b>MIM</b>	603476
<b>UniProt ID</b>	O60519

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