



# Recombinant Mouse Polycomb group RING finger protein 2 (Pcgf2)

<b>Product Code</b>	CSB-EP017606MO-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P23798
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MHRTTRIKIT ELNPHLMCAL CGGYFIDATT IVECLHSFCK TCIVRYLETN KYCPMCDVQV HKTRPLLSIR SDKTLQDIVY KLVPLGFKDE MKRRRDFYAA YPLTEVPNGS NEDRGEVLEQ EKGALGDDEI VLSLIEFYEG VRDREEKKNL TENGDGDKEK TGVRFLRCPA AMTVMHLAKF LRNKMDVPSK YKVEILYEDE PLKEYYTLMD IAYIYPWRRN GPLPLKYRVQ PACKRLTLPT VPTPSEGNT SGASECESVS DKAPSPATLP ATSSSLPSPA TPSHGSPSSH GPPATHPTSP TPPSTAAGTT TATNGGTSNC LQTPSSTSRG RKMTVNGAPC PP
<b>Source</b>	E.coli
<b>Target Names</b>	Pcgf2
<b>Protein Names</b>	Recommended name: Polycomb group RING finger protein 2 Alternative name(s): DNA-binding protein Mel-18 Melanoma nuclear protein 18 RING finger protein 110 Zinc finger protein 144 Short name= Zfp-144
<b>Expression Region</b>	1-342
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein contains a RING finger motif and is similar to the polycomb group (PcG) gene products. PcG gene products form complexes via protein-protein interaction and maintain the transcription repression of genes involved in embryogenesis, cell cycles, and tumorigenesis. This protein was shown to act as a negative regulator of transcription and has tumor suppressor activity. The expression of this gene was detected in various tumor cells, but is limited in neural organs in normal tissues. Knockout studies in mice suggested that this protein may negatively regulate the expression of different cytokines, chemokines, and chemokine receptors, and thus plays an important role in lymphocyte differentiation and migration, as well as in immune responses.
<b>Reconstitution</b>	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.

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### **Shelf Life**

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.