Recombinant Human Polycomb group RING finger protein 2 (PCGF2)

Product Code	CSB-EP017606HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P35227
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MHRTTRIKIT ELNPHLMCAL CGGYFIDATT IVECLHSFCK TCIVRYLETN KYCPMCDVQV HKTRPLLSIR SDKTLQDIVY KLVPGLFKDE MKRRRDFYAA YPLTEVPNGS NEDRGEVLEQ EKGALSDDEI VSLSIEFYEG ARDRDEKKGP LENGDGDKEK TGVRFLRCPA AMTVMHLAKF LRNKMDVPSK YKVEVLYEDE PLKEYYTLMD IAYIYPWRRN GPLPLKYRVQ PACKRLTLAT VPTPSEGTNT SGASECESVS DKAPSPATLP ATSSSLPSPA TPSHGSPSSH GPPATHPTSP TPPSTASGAT TAANGGSLNC LQTPSSTSRG RKMTVNGAPV PPLT
Source	E.coli
Target Names	PCGF2
Protein Names	Recommended name: Polycomb group RING finger protein 2 Alternative name(s): DNA-binding protein Mel-18 RING finger protein 110 Zinc finger protein 144
Expression Region	1-344
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
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. 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.