



# Recombinant Human Parafibromin (CDC73)

<b>Product Code</b>	CSB-EP750783HU
<b>Abbreviation</b>	CDC73
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q6P1J9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	ADVLSVLRQ YNIQKKEIVV KGDEVIFGEF SWPKNVKTNV VVWGTGKEGQ PREYYTLDSI LFLNNVHLS HPVYVRRRAAT ENIPVRRPD RKDLLGYLNG EASTSASIDR SAPLEIGLQR STQVKRAADE VLAEAKKPRI EDEECVRLDK ERLAARLEGH KEGIVQTEQI RSLSEAMSVE KIAAIKAKIM AKKRSTIKTD LDDITALKQ RSFVDAEVDV TRDIVSRERV WRTRTILQS TGKNFSKNIF AILQSVKARE EGRAPEQRPA PNAAPVDPTL RTKQPIPAAY NRYDQERFKG KEETEGFKID TMGTYHGML KSVTEGASAR KTQTPAAQPV PRPVSQARPP PNQKKSRTIP IIIIPAATTS LITMLNAKDL LQDLKFVPSD EKKKQGCQRE NETLIQRRKD QMQPGGTAIS VTPYRVVDQ PLKLPQDWD RVVAVFVQGP AWQFKGWPWL LPDGSPVDIF AKIKAFHLKY DEVRLDPNVQ KWDVTVLELS YHKRHLDPRV FLRFWETLDR YMVKHKSHLR F
<b>Source</b>	E.coli
<b>Target Names</b>	CDC73
<b>Protein Names</b>	Recommended name: Parafibromin Alternative name(s): Cell division cycle protein 73 homolog Hyperparathyroidism 2 protein
<b>Expression Region</b>	2-531
<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 of Mature Protein
<b>Target Details</b>	This gene encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3 mRNA processing factors with actively-transcribed chromatin. Mutations in this gene have been linked to hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma.
<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.

### 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.