

Recombinant Human MEPCE protein, GST-tagged

Cat. No. MEPCE-7445H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MEPCE protein(369-689 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	369-689 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	SSKSEAGARGGGQGSKEKGRGSWGGRHHHHPLPAAGFKKQQRKFQYGNKYCKY YGYRNPSCEDGRLRVLKPEWFRGRDVLDLGCNVGHLTL SIACKWGPSRMVGLDID SRLIHSARQNIRHYLSEELRLPPQTLEGDPGAEGEEGTTTVRKRSCLPASLTASRGPI AAPQVPLDGADTSVFPNNVVFVTGNYVLDRDDLVEAQTPEYDVVLCLSLTKWVHLN WGDEGLKRMFRRIYRHLRPGGILVLEPQPWSSYGKRKTLTETIYKNYYRIQLKPEQF SSYLTSPDVGFSSYELVATPHNTSKGFQRPVYLFHKARSPSH
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [MEPCE methylphosphate capping enzyme \[Homo sapiens \]](#)

Official Symbol [MEPCE](#)

Synonyms

MEPCE; methylphosphate capping enzyme; BCDIN3, bin3, bicoid interacting 3, homolog (Drosophila); 7SK snRNA methylphosphate capping enzyme; FLJ20257; MePCE; bin3 homolog; bin3, bicoid-interacting 3, homolog; bicoid-interacting protein 3 homolog; BCDIN3;

Gene ID [56257](#)

mRNA Refseq [NM_001194990](#)

Protein Refseq [NP_001181919](#)

MIM [611478](#)

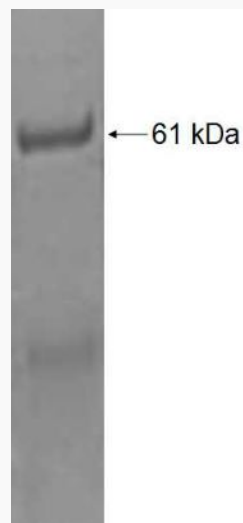
UniProt ID [Q7L2J0](#)

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SDS-PAGE



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