



Recombinant Human Matrix extracellular phosphoglycoprotein (MEPE)

Product Code	CSB-MP013704HU
Abbreviation	MEPE
Storage	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.
Uniprot No.	Q9NQ76
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	PTF QPQTEKTKQS CVEEQRQEEK NKDNIGFHHL GKRINQELSS KENIVQERKK DLSLSEASEN KGSSKSQNYF TNRQRLNKEY SISNKENTHN GLRMSIYPKS TGNKGFEDGD DAISKLHDQE EYGAALIRNN MQHIMGPVTA IKLLGEENKE NTPRNVLNII PASMNYAKAH SKDKKKPQRD SQAQKSPVKS KSTHRIQHNI DYKHLKSKVK KIPSDFEFGSG YTDLQERGDN DISPFSGDGQ PFKDIPGKGE ATGPDLEGKD IQTGFAGPSE AESTHLDTKK PGYNEIPERE ENGGNTIGTR DETAKEADAV DVSLVEGSND IMGSTNFKEL PGREGNRVDA GSQNAHQGKV EFHYPPAPSK EKRKEGSSDA AESTNYNEIP KNGKWSTRKG VDHSNRNQT LNEKQRFPSK GKSQGLPIPS RGLDNEIKNE MDSFNGPSHE NIITHGRKYH YVPHRQNNST RNKGMPQGKG SWGRQPHSNR RFSSRRRDDSDS SESSDSGSSS ESDGD
Source	Mammalian cell
Target Names	MEPE
Protein Names	Recommended name: Matrix extracellular phosphoglycoprotein Alternative name(s): Osteoblast/osteocyte factor 45 Short name= OF45
Expression Region	18-525
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 of Mature Protein
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.



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