

Recombinant Human HEMK1 protein, His-tagged

Cat. No. HEMK1-3365H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HEMK1 protein(1-338 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-338 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MELWGRMLWALLSGPGRRGSTRGWAFSSWQPQPPLAGLSSAIELVSHWTGVFEK RGIPEARSESSEYIVAHVLGAKTFQSLRPALWTQPLTSQQQLQCIRELSSRRLQRMPVQ YILGEWDFQGLSLRMVPPVFIPRPETEELVEWVLEEVAQRSHAVGSPGSPLILEVGC GSGAISLSLLSQLPQSRVIAVDKREAAISLTHENAQRLRLQDRIWIIHLDMTSERSWT HLPWGPMDLIVSNPPYVFHQDMEQLAPEIRSYEDPAALDGGEEGMDIITHILALAPRL LKDSGSIFLEVDPRHPELVSSWLQSRPDLYLNLVAVRRDFCGRPRFLHIRRSGP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

HEMK1 HemK methyltransferase family member 1 [Homo sapiens]

Official Symbol

HEMK1

Synonyms

HEMK1; HemK methyltransferase family member 1; hemK methyltransferase family member 1; MTQ1; m.HsaHemKP; HEMK homolog 7kb; HEMK; FLJ22320;

Gene ID

51409

mRNA Refseq

NM_016173

Protein Refseq

NP_057257

UniProt ID

Q9Y5R4

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