

Recombinant Human HEMK1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HEMK1-3616H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HEMK1 MS Standard C13 and N15-labeled recombinant protein (NP_057257) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	N5-glutamine methyltransferase responsible for the methylation of the glutamine residue in the universally conserved GGQ motif of the mitochondrial translation release factor MTRF1L.
Molecular Mass	38.2 kDa
AA Sequence	MELWGRMLWALLSGPGRRGSTRGWAFSSWQPQPPLAGLSSAIELVSHWTGVFEK RGIPEARSESSEYIVAHVLGAKTFQSLRPALWTQPLTSQQQLQCIRELSSRRLQRMPVQ YILGEWDFQGLSLRMVPPVFIPRPETEELVEWVLEEVAQRSHAVGSPGSPILILEVGC GSGAISLSLLSQLPQSRVIAVDKREAAISLTHENAQRLRLQDRIWIIHLDMTSERSWT HLPWGPMDLIVSNPPYVFHQDMEQLAPEIRSYEDPAALDGGEEGMDIITHILALAPRL LKDSGSIFLEVDPRHPELVSSWLQSRPDLYLNLVAVRRDFCGRPRFLHIRRSGPTRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name HEMK1 HemK methyltransferase family member 1 [Homo sapiens (human)]

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

MIM 618609

UniProt ID Q9Y5R4

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SDS-PAGE

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