

Datasheet for ABIN7548251

HEMK1 Protein (AA 1-338) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	HEMK1
Protein Characteristics:	AA 1-338
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HEMK1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HEMK1 Protein expressed in mammalian cells.
Sequence:	MELWGRMLWA LLSGPGRRGs TRGWAFSSWQ PQPPLAGLSS AIELVSHWTG VFEKRGIP EA RESSEYIVAH VLGAKTFQSL RPALWTQPLT SSQLQCIREL SSRRLQRMPV QYILGEWDFQ GLSLRMVPPV FIPRPETEEL VEWVLEEVAQ RSHAVGSPGS PLILEVGCGS GAISLSLLSQ LPQSRVIAVD KREAAISLTH ENAQLRLQD RIWIIHLDMT SERSWTHLPW GPMDLIVSNP PYVFHQDMEQ LAPEIRSYED PAALDGGEEG MDIITHILAL APRLLKDSGS IFLEVDPRHP ELVSSWLQSR PDLYLNLVAV RRDFCGRPRF LHIRRS GP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	HEMK1
Alternative Name:	HEMK1 (HEMK1 Products)
Background:	MTRF1L release factor glutamine methyltransferase (EC 2.1.1.297) (HemK methyltransferase family member 1) (M.HsaHemKP),FUNCTION: N5-glutamine methyltransferase responsible for the methylation of the glutamine residue in the universally conserved GGQ motif of the mitochondrial translation release factors MTRF1, MTRF1L, MRPL58/ICT1 and MTRFR. {ECO:0000269 PubMed:18541145, ECO:0000269 PubMed:35260756}.
Molecular Weight:	38.2 kDa
UniProt:	Q9Y5R4

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months