

Datasheet for ABIN7554563
MLH3 Protein (AA 1-1453) (His tag)



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Overview

Quantity:	1 mg
Target:	MLH3
Protein Characteristics:	AA 1-1453
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MLH3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MLH3 Protein expressed in mammalian cells.
Sequence:	MIKCLSVEVQ AKLRSGLAIS SLGQCVEELA LNSIDAEAKC VAVRVNMETF QVQVIDNGFG MGSDDEKVG NRYFTSKCHS VQDLENPRFY GFRGEALANI ADMASAVEIS SKKNRTMKTF VKLFQSGKAL KACEADVTRA SAGTTVTVYN LFYQLPVRK CMDPRLEFEK VRQRIEALS MHPSISFSLR NDVSGSMVLQ LPKTKDVCSR FCQIYGLGKS QKLREISFKY KEFELSGYIS SEAHYNKNMQ FLFVNKRLVL RTKLHKLIDF LLRKESIICK PKNGPISRQM NSSLRHRSTP ELYGIYVINV QCQFCEYDVC MEPAKT LIEF QNWD TLLFCI QEGVKMFLKQ EKLFVELSGE DIKEFSEDNG FSLFDATLQK RVTSDERSNF QEACNNILDS YEMFNLQSKA VKRKTTAENV NTQSSRDSEA TRKNTNDAFL YIYESSGGPH SKMTEPSLQN KDSSCSESKM LEQETIVASE AGENEKHKKS FLEHSSLENP CGTSLEMFLS PFQTPCHFEE SGQDLEIWKE STTVNGMAAN ILKNNRIQNG PKRFKDATEV GCQPLPFATT LWGVHSAQTE KEKKKESNC GRRNVFSYGR VKLCSTGFIT HVVQNEKTKS TETEHSFKNY VRPGPTRAQE TFGNRTRHSV ETPDIKDLAS TLKESGQLP NKKNCRTNIS YGLENEPTAT YTMFSAFQEG SKKSQTDCIL SDTSPSPFWY

RHVSNDSRKT DKLIGFSKPI VRKKLSLSSQ LGSLEKFKRQ YGKVENPLDT EVEESNGVTT
NLSLQVEPDI LLKDKNRLN SDVCKITTME HSDSDSSCQP ASHILNSEKF PFSKDEDCLE
QQMPSLRESP MTLKELSLFN RKPLDLEKSS ESLASKLSRL KGSERETQTM GMMSRFNELP
NSDSSRKDSK LCSVLTQDFC MLFNKHEKT ENGVIPTSDS ATQDNSFNKN SKTHSNSNTT
ENCVISETPL VLPYNNKVT GKDSVDLIRA SEQQIGSLDS PSGMLMNPVE DATGDQNGIC
FQSEESKARA CSETEESNTC CSDWQRHFDV ALGRMVYVVK MTGLSTFIAP TEDIQAACTK
DLTTVAVDVW LENGQYRCQ PFRSDLVLPF LPRARAERTV MRQDNRDTVD DTVSSSELQS
LFSEWDNPVF ARYPEVAVDV SSGQAESLAV KIHNILYPYR FTKGMIHSMQ VLQQVDNKF
ACLMSTKTEE NGEAGGNLLV LVDQHAAHER IRLEQLIIDS YEKQQAQSG RKKLLSSTLI
PPLEITVTEE QRRLLWCYHK NLEDLGLFV FPDTSDSLVL VGKVPLCFVE REANELRRGR
STVTKSIVEE FIREQLELLQ TTGGIQGTLP LTVQKVLASQ ACHGAIKFND GLSLQESCRL
IEALSSCQLP FQCAHGRPSM LPLADIDHLE QEKQIKPNLT KLRKMAQAWR LFGKAECDTR
QSLQQSMPPC EPP **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:

- 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:	MLH3
Alternative Name:	MLH3 (MLH3 Products)
Background:	DNA mismatch repair protein Mlh3 (MutL protein homolog 3),FUNCTION: Probably involved in the repair of mismatches in DNA.
Molecular Weight:	163.7 kDa
UniProt:	Q9UHC1
Pathways:	Chromatin Binding

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