

Datasheet for ABIN7564099

FAM178A Protein (AA 1-1278) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FAM178A
Protein Characteristics:	AA 1-1278
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM178A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slf2 Protein expressed in mammalian cells.
Sequence:	MTRRCMPARP GFPSSPAPGS SPPRCHLRPG STAPAAAGKR TESPGRKQS IIDFFKPAAK QDKHMLDSPQ KSNIKYRNG LSITGTEQFE RKLSSPKKLK PKRMSSEESP ILEAFMKGK EHHKDRGVHE SRRPCMSLSK YLPKGAGIYA PSSYRLPKEI KAQKKKHQSP ERRKSLFIHE SNREKNDRDR GKNSDSRKQ ATATEGDIFK HSSRSISSRS SLSRHHPGES TLGARFQLSL ASYWREREQK KLRKEQMEQR INSENSFSEA SNLSLKSSGV GKNCKPRHEH SKHTEAVPGK SNLSTLENGH LSRKRSSSDS WELSGSKQNK FSDKRTEELC GLRPEKHKRT YHTKSKRVLS REAPRHIPSE RKVYQTHCTE DSWWCSALGR HSQGAGKTVS RGMSIASTLR LYLGRVISQL WKMDISQEKD HLQTRGNFQA LNRINSPTKE QRNSVSDLK STKEPIIPKA RESFLEKRPD TSHQREKFIR HIALKTPGGV LRLEDIAKEP EDETRSSAD SAPSNAGHHS SRNSDQVHSA STKETKIQKP HLPLPQEKST IKRASNQKN KPAGSVTSKE TKLPLLSHVP SAVSSRVPLN AKNCTLPVPK KDKERSSSKE RSGHSTESSK HKEHRAKTIK AVSNESSGKN SGGSLHSEYA PPTASPPAAL EVVPSVPSA APSDKESSGN SNAGSNALKR KFRGDFDSDE ESLGYTLESD

Product Details

EEEECLKSLE EIMALNFSRT PTTSGKPPAV SKGLRSQSSD MKEYAQSGTY TNTLERLVKE
MEDTQRLDEL QKKLQEDIRQ GRGIKSPLRT GDQDSTDDGD GLLEEHREFL KKFSVTVDAL
PDHHPGEEIF NFLNSGKIFN QYTLDLRDSG FIGESAVEKL ILKSGKTDQI FLTTQGFLTT
AYHYVQCPVP VLKWLFRMMS VHTDCIVSVQ ILSTLMEITI RNDTFSDSPV WPWIPSLSDI
AAVFFNMGVG FGSLEPLETL QPDFNEENLI SETQKTLGGK ESEDSYSPV FSALPETNIL
NVVKFLGLCT SIHPEGYQDG ELMILLMLF KMSLEKELKQ IPLVDFQSL INLMKNIRDW
NTKVHELCLG INELSSHPhn LLWLVQLVpn WTSRGRQLRQ CLSLVMMMSKL LDEKHEDIPN
ANNLQISVLH RYLVQMKPSD LLKKMVLKKR AEQPNETIDD SLHLELEKQA YYLTYILLHL
VGEVSCSHSL SSGQRKHfVL LCGALEKHVK CDIREDarLF YRTKVkDLVA RIHGKWQEII
QNCrPTQGQL HDFWVPDS **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: FAM178A

Target Details

Alternative Name: Slf2 ([FAM178A Products](#))

Background: SMC5-SMC6 complex localization factor protein 2,FUNCTION: Plays a role in the DNA damage response (DDR) pathway by regulating postreplication repair of UV-damaged DNA and genomic stability maintenance. The SLF1-SLF2 complex acts to link RAD18 with the SMC5-SMC6 complex at replication-coupled interstrand cross-links (ICL) and DNA double-strand breaks (DSBs) sites on chromatin during DNA repair in response to stalled replication forks. Promotes the recruitment of the SMC5-SMC6 complex to DNA lesions. May play a role in SMC5-SMC6 complex recruitment for viral restriction. Forms a complex with SIMC1 and this complex is required to recruit SMC5-SMC6 complex to PML nuclear bodies and sites of viral replication. {ECO:0000250|UniProtKB:Q8IX21}.

Molecular Weight: 144.0 kDa

UniProt: [Q6P9P0](#)

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
