

Datasheet for ABIN7557967
SENP5 Protein (AA 1-749) (His tag)



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Overview

Quantity:	1 mg
Target:	SENP5
Protein Characteristics:	AA 1-749
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SENP5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Senp5 Protein expressed in mammalian cells.
Sequence:	MKKQKKILWK KGIHLAFSEK WNAGFGSFKK FYFPQNLCLFL KAKLGRPVAW HRQVKHFQCN KGLHIQKTWI QDVPFCSKTK SGLATQNVST LYPKVKRKDS KHFISSSRSL LKLQADKLLS SAKSLDHKYC REKSLKKAAP GLSANTVLGR ANGHEPTTDP QASDFPMKFS GESQSPGDGSG KTVVLNKHHRK RVCHGICYQL EHRNRRLPLI PKQFQLNQHR RVRASLMMYE KLSMIRFRYR IFRSQHFRTK SRVCKLRKAQ RSWVQKVTGD HQENLRDNNT EGDNCNPVPS LEPKDPCRCQ PYFPDMDSSA VGKGKNCHVP DGHTKENPVL DKEHGLDDTF PDQONGCVAY NWDQSSSCP WECTEQIHEI PLMEHPSSDK FSPETERALM ALGQESGSA VSDDREKLPV SGADKSVSSV DGPVSEEP AQ NENFQMEEDG SLKQSILSSK LLDHPYCKSP LDAPLLCSEP KVENQMSGGK SSQTASPVDD EQLSTCLSGF LDEVMMKKGYS LVPLSEKDV L GRLKDFVNE D FSNRKPFINR EITNYRARHQ KCNFRIFYNK HMLDMDDLAT LDGQNWLN DQ VINMYGELIM DAVPDKVHFF NSFFHRQLVT KGYNGVKRWT KKVDFKKS L LLIPIHLEVH WSLITVTLSS RIISFYDSQG IHFKFCVENI RYLLTEARE KNRPEFLQGW QTAVTKCIPQ QKNSDCGVF VLQYCKCLAL

Product Details

EQPFQFSQED MPRVRKRIYK ELCECRLLD **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: SENP5

Alternative Name: Senp5 ([SENP5 Products](#))

Background: Sentrin-specific protease 5 (EC 3.4.22.-) (SUMO/Smt3-specific isopeptidase 3) (Smt3ip3) (Sentrin/SUMO-specific protease SENP5),FUNCTION: Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO3 to its mature form and deconjugation of SUMO2 and SUMO3 from targeted proteins. Has weak proteolytic activity against full-length SUMO1 or SUMO1 conjugates. Required for cell division. {ECO:0000250|UniProtKB:Q96HI0}.

Target Details

Molecular Weight: 86.1 kDa

UniProt: [Q6NXL6](#)

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