

Datasheet for ABIN7555352
FAM75A5 Protein (AA 1-1347) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | FAM75A5 (SPATA31A5) |
| Protein Characteristics: | AA 1-1347 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This FAM75A5 protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant SPATA31A5 Protein expressed in mammalian cells. |
| Sequence: | <p>MENLPFPLKL LSASSLNAPS STPWLDIFL TLVFALGFFF LLLPYLSYFR CDDPPSPSPG KRKCPVGRRR RPRGRMKNHS LRAGRECRRG LEETSDLLSQ LQSLGPHLD KGDFGQLSGP DPPGEVGERA PDGASQSSHE PMEDAAPILS PLASPDQAK HPQDLASTPS PGPMTTSVSS LSASQPPEPS LPLEHPSPEP PALFPHPPHT PDPLACSLPP PKGFTAPPLR DSTLITPSHC DSVAFPLGTV PQSLSPHEDL VASVPAISGL GGSNSHVSAS SRWQETARTS CAFNSSVQQD HLSRHPPETC QMEAGSLFLL SSDGQNVVGI QVTETAKVNI WEEKENVGSF TNRMTPKEHL NSLRNLAKSL DAEQDTTNP KPFWNMGENSK QLPGPQKLS PRLWQESFWK NYSQLFWGLP SLHSESLVAN AAWTDRSYTL QSPFFLFNEM SNVCPHQRET TMSPLLFQAQ PLSHLGPECQ PFISSTPQFR PTPMAQAEAQ AHLQSSFPVL SPAFPSLIQN TGVACPASQN KVQALSLPET QHPEWPLLR QLEGRALPS RVQKSQDVFS VSTPNLPQES LTSILPENFP VSPELRRQLE QHKKWIIQH WGNLGRIQES LDLMQLRDES PGTSQAKGKP SPWQSSMSTG EGSKEAQKVK FQLERDPCPH LGQILGETPQ NLSRDMKSFP RKVLGVTSEE LERNLRKPLR SDSGSDLLRC</p> |

TERTHIENIL KAHMGRNLGQ TNEGLIPVCV RRSWLAVNQA LPVSNTHVKT SNLAAPKSGK
ACVNTAQVLS FLEPCTQQGL GAHIVRFWAK HRWGLPLRVL KPIQCFKLEK VSSLSLTQLA
GPSSATCESG AGSEVEVDMF LRKPPMASLR KQVLTKASDH MPESLLASSP AWKQFQRAPR
GIPSWNDHEP LKPPPAGQEG RWPSKPLTYS LTGSIQQSRS LGAQSSKAGE TREAVPQCRV
PLETCMLANL QATSEDVHGF EAPGTSKSSL HPRVSVSQDP RKLCLMEEVV NEFEPGMATK
SETQPQVCAA VLLPDGQAS VPHASENLV SQVPQGHLS MPTGNMRASQ ELHDLMAARR
SKLVHEEPRN PNCQGSCSKQ RPMFPPIHKS EKSARKPNLEK HEERLEGLRT PQLTPVRKTE
DTHQDEGVQL LPSKKQPPSV SPFGENIKQI FQWIFSKKKS KPAPVTAESQ KTVKNRSRVY
SSSAEQGLM TAVGQMLDEK MSLCHARHAS KVNQHKQKFQ APVCGFPCNH RHLFYSEHGR
ILSYAASSQQ ATLSQGCPN RDRQIRNQQP LKSVRCNNEQ WGLRHPQILH PKKAVSPVSP
PQHWPKTSGA SSHHHHCPRH CLLWEGI **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

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| Target: | FAM75A5 (SPATA31A5) |
| Alternative Name: | SPATA31A5 (SPATA31A5 Products) |
| Background: | Spermatogenesis-associated protein 31A5 (Protein FAM75A5),FUNCTION: May play a role in spermatogenesis. {ECO:0000250}. |
| Molecular Weight: | 148.7 kDa |
| UniProt: | Q5VU36 |

Application Details

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| 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

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| 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 |