Datasheet for ABIN7556881

# FXYD2 Protein (AA 1-70) (Fc Tag)

Go to Product page

## Overview

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| Quantity: | 1 mg |
| Target: | FXYD2 |
| Protein Characteristics: | AA 1-70 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This FXYD2 protein is labelled with Fc Tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

## Product Details

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| Purpose: | Custom-made recombinat Fxyd2 Protein expressed in mammalien cells. |
| Sequence: | MAGEISDLSA NSGGSAKGTE NPFEYDYETV RKGGLIFAGL AFVVGLLIIL SKRFRCGGGK KHRQVNEDEL **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.** |
| Characteristics: | Key Benefits:<br>• Made to order protein - from design to production - by highly experienced protein experts.<br>• Protein expressed in mammalien cells and purified in one-step affinity chromatography<br>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.<br>• State-of-the-art algorithm used for plasmid design (Gene synthesis).<br><br>This protein is a made-to-order protein and will be made for the first time for your order. Our |

## Product Details

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| | experts in the lab try to ensure that you receive soluble protein.<br><br>If you are not interested in a full length protein, please contact us for individual protein fragments.<br><br>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, Western Blot |
| Grade: | custom-made |

## Target Details

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| Target: | FXYD2 |
| Alternative Name: | Fxyd2 (FXYD2 Products) |
| Background: | Sodium/potassium-transporting ATPase subunit gamma (Na(+)/K(+) ATPase subunit gamma) (FXYD domain-containing ion transport regulator 2) (Sodium pump gamma chain),FUNCTION: May be involved in forming the receptor site for cardiac glycoside binding or may modulate the transport function of the sodium ATPase. |
| Molecular Weight: | 7.5 kDa |
| UniProt: | Q04646 |
| Pathways: | Thyroid Hormone Synthesis |

## Application Details

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| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. 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

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| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. |
| Expiry Date: | 12 months |

 