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Datasheet for ABIN7561078 ITGB1BP3 Protein (AA 1-195) (His tag)

Overview

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| Quantity: | 1 mg |
| Target: | ITGB1BP3 |
| Protein Characteristics: | AA 1-195 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ITGB1BP3 protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant Nmrk2 Protein expressed in mammalian cells. |
| Sequence: | MKLIIGIGGV TNGGKTTLTN SLLKALPNCC VIHQDDFFKP QDQIavgEDG FKQWDVLESL DMETMLSTVQ AWWKDPHKFA RAHGVSLQSG ASDTHVLLLE GFLLYSYRPL VDLYSQRYFL TVPYEECKRR RRSRTYMVPD PPGLFDGHVW PMYQKYRREM EQDGVEVVYL DGMKSPEGLF HQVLEDIQNR LLNTS 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: <ul style="list-style-type: none">• 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 |

Product Details

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.

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| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
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| Grade: | custom-made |
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Target Details

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| Target: | ITGB1BP3 |
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| Alternative Name: | Nmrk2 (ITGB1BP3 Products) |
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| Background: | Nicotinamide riboside kinase 2 (NRK 2) (NmR-K 2) (EC 2.7.1.22) (Integrin beta-1-binding protein 3) (Muscle integrin-binding protein) (MIBP) (Nicotinic acid riboside kinase 2) (EC 2.7.1.173) (Ribosylnicotinamide kinase 2) (RNK 2) (Ribosylnicotinic acid kinase 2),FUNCTION: Catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN). Reduces laminin matrix deposition and cell adhesion to laminin, but not to fibronectin. Involved in the regulation of PXN at the protein level and of PXN tyrosine phosphorylation. May play a role in the regulation of terminal myogenesis (By similarity). {ECO:0000250, ECO:0000269 PubMed:10613898}. |
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| Molecular Weight: | 22.4 kDa |
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| UniProt: | Q9D7C9 |
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| Pathways: | Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development |
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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 |
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Application Details

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
