

Datasheet for ABIN7550581
PCGF6 Protein (AA 1-350) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | PCGF6 |
| Protein Characteristics: | AA 1-350 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PCGF6 protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant PCGF6 Protein expressed in mammalian cells. |
| Sequence: | MEGVAVVTAG SVGAAKTEGA AALPPPPVVS PPALTPAPAA GEEGPAPLSE TGAPGCSGSR PPELEPERSL GRFRGRFEDE DEELEEEEEEL EEEEEEEEEED MSHFSLRLEG GRQDSEDEEE RLINLSELTP YILCSICKGY LIDATTITEC LHTFCKSCIV RHFYYSNRCP KCNIVVHQTQ PLYNIRLDRQ LQDIVYKLV I NLEEREKKQM HDFYKERGLE VPKPAVPQPV PSSKGRSCKV LESVFRIPPE LDMSLLLEFI GANEGTGHFK PLEKKFVRVS GEATIGHVEK FLRRKMGLDP ACQVDIICGD HLLQYQTLR EIRRAIGDAA MQDGLLVVHY GLVVSPLKIT 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: |

Product Details

- 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.

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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: | PCGF6 |
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| Alternative Name: | PCGF6 (PCGF6 Products) |
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| Background: | <p>Polycomb group RING finger protein 6 (Mel18 and Bmi1-like RING finger) (RING finger protein 134),FUNCTION: Transcriptional repressor (PubMed:12167161). May modulate the levels of histone H3K4Me3 by activating KDM5D histone demethylase (PubMed:17320162). Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones, it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility (PubMed:12167161). Within the PRC1-like complex, regulates RNF2 ubiquitin ligase activity (PubMed:26151332). {ECO:0000269 PubMed:12167161, ECO:0000269 PubMed:17320162, ECO:0000269 PubMed:26151332}.</p> |
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|-------------------|----------|
| Molecular Weight: | 39.0 kDa |
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| UniProt: | Q9BYE7 |
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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
