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Datasheet for ABIN7504540

TFPI2 Protein (AA 23-230) (Fc Tag)



Overview

| Quantity: | 100 μg |
|-------------------------------|---|
| Target: | TFPI2 |
| Protein Characteristics: | AA 23-230 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TFPI2 protein is labelled with Fc Tag. |

Product Details

| Purpose: | Mouse TFPI-2 Protein |
|------------------|---|
| Sequence: | Leu23-Ser230 |
| Characteristics: | Recombinant Mouse TFPI-2 Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Leu23-Ser230. |
| Purity: | > 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC |
| Sterility: | 0.22 μm filtered |
| Endotoxin Level: | Less than 1EU per μg by the LAL method. |

Target Details

| Target: | TFPI2 |
|-------------------|-------------------------|
| Alternative Name: | TFPI-2 (TFPI2 Products) |

Target Details

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|---------------------|---|
| Background: | Tissue factor pathway inhibitor-2 (TFPI-2) has previously been characterized as an endogenous anticoagulant. TFPI-2 is expressed in the vast majority of cells, mainly secreted into the extracellular matrix. Moreover, in sputum from cystic fibrosis patients TFPI-2 C-terminal fragments are generated and found associated with immunoglobulins. Together our data describe a previously unknown host defense mechanism and therapeutic importance of TFPI-2 against invading Gram-negative bacterial pathogens. |
| Molecular Weight: | 50.53 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result. |
| UniProt: | 035536 |
| Application Details | |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Lyophilized |
| Reconstitution: | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water. |
| Buffer: | Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date: | 12 months |