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Datasheet for ABIN7504333

FCN1 Protein (AA 30-326) (His tag)



Overview

| Quantity: | 100 μg |
|-------------------------------|---|
| Target: | FCN1 |
| Protein Characteristics: | AA 30-326 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This FCN1 protein is labelled with His tag. |

Product Details

| Purpose: | Human ficolin 1/FCN1 Protein |
|------------------|---|
| Sequence: | Ala30-Ala326 |
| Characteristics: | Recombinant Human ficolin 1/FCN1 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Ala30-Ala326. |
| Purity: | > 95 % as determined by Tris-Bis PAGE |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | Less than 1EU per μg by the LAL method. |

Target Details

| Target: | FCN1 |
|-------------------|---------------------------|
| Alternative Name: | ficolin 1 (FCN1 Products) |

Target Details

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|---------------------|--|
| Background: | The ficolins are members of a recently discovered family of host innate opsonins that can activate the lectin pathway of complement. The ficolins bind many ligands, although they are typically described as binding acetylated sugars. Ficolin-1 is the least-described of the Ficolins and is expressed by monocytes, granulocytes, and in the lungs. Ficolin-1 is found circulating at low concentrations in serum but is regarded primarily as a secretory molecule that exerts its function locally in inflamed tissues. |
| Molecular Weight: | 33.11 kDa. Due to glycosylation, the protein migrates to 34-38 kDa based on Tris-Bis PAGE result. |
| NCBI Accession: | NP_001994 |
| Pathways: | Complement System |
| 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, 350 mM NaCl, 200 mM Arginine (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 |