

Human FCN1/FCNA (His Tag) recombinant protein



Catalog Number: 500248

General Information

Gene Name Synonym

Collagen/fibrinogen domain-containing protein 1; Ficolin-A; Ficolin-alpha; M-ficolin

Protein Construction

A DNA sequence encoding the human FCN1 (NP_001994.2) precursor (Met 1-Ala 326) was expressed with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

1. Immobilized FCN1 at 10 µg/ml can bind biotinylated recombinant human Fetuin-A with a linear range of 16-2000 ng/ml.
2. Immobilized FCN1 at 10 µg/ml can bind biotinylated recombinant mouse Fetuin-A with a linear range of 16-2000 ng/ml.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ala 30

Molecular Mass

The secreted recombinant human FCN1 comprises 308 amino acids with a predicted molecular mass of 33.6 kDa as estimated in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

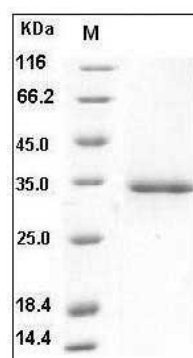
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human Ficolin-1 / Ficolin-A / FCN1 Protein (His Tag) SDS-PAGE