

Mouse Fetuin-A (His Tag) recombinant protein



Catalog Number: 503841

General Information

Gene Name Synonym

Protein-tyrosine kinase receptor MPK-11

Protein Construction

A DNA sequence encoding the mouse AHSG (NP_032037.2) precursor (Met1-Ile 345) was expressed with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA. Immobilized human FCN1 at 10 µg/mL can bind biotinylated recombinant mouse Fetuin-A with a linear range of 16-2000 ng/ml.
2. Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH₂, AnaSpec, Catalog # 27114. The IC₅₀ value is <200 nM.

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 19

Molecular Mass

The secreted recombinant mouse AHSG consists of 338 amino acids and has a predicted molecular mass of 36.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm AHSG is approximately 50 kDa due to glycosylation.

Formulation

Lyophilized from sterile 25mM Tris, 0.15mM NaCl, pH 7.5

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

Usage Guide

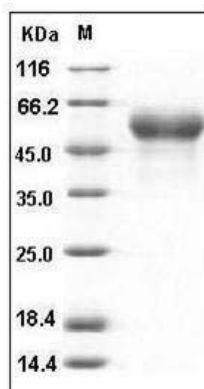
Storage

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



Mouse Fetuin-A / AHSG Protein (His Tag) SDS-

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