

Human Cochlin (short isoform, His Tag) recombinant protein



Catalog Number: 500629

General Information

Gene Name Synonym

COCH-5B2

Protein Construction

A DNA sequence encoding the mature form of human COCH (NP_001128530.1) (Glu 25-Gln 550) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 92 % 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

His

Molecular Mass

The recombinant full length of human COCH consists of 542 amino acids and has a calculated

molecular mass of 59.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCOCH is approximately 18 kDa, corresponding to the alternative splicing short isoform, which lacks two VWFA domains.

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

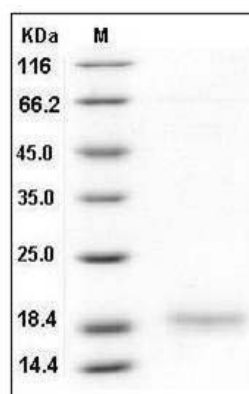
Storage

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 Cochlin / COCH Protein (short isoform, His Tag) SDS-PAGE