

Recombinant Human COCH protein(Glu25-Gln550), His-tagged

Cat. No. COCH-3207H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human COCH (NP_001128530.1) (Glu 25-Gln 550) was expressed in HEK293, with a polyhistidine tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	25-550 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human COCH consists of 542 amino acids and has a calculated molecular mass of 59.4 kDa. In SDS-PAGE under reducing conditions, rhCOCH migrates as three bands with apparent molecular mass of 66, 48 and 18 kDa, corresponding to the alternative splicing isoforms.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name COCH coagulation factor C homolog, cochlin (Limulus polyphemus) [Homo sapiens]

Official Symbol COCH

Synonyms COCH; coagulation factor C homolog, cochlin (Limulus polyphemus); coagulation factor C (Limulus polyphemus homolog); cochlin , DFNA9, DFNA31; cochlin; COCH 5B2; DFNA9; COCH5B2; COCH-5B2;

Gene ID 1690

mRNA Refseq NM_001135058

Protein Refseq NP_001128530

MIM 603196

UniProt ID O43405

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