Recombinant Human COCH protein(short isoform), His-tagged

Cat. No. COCH-3838H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COCH protein(short isoform)(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 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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, whivch lacks two VWFA domains.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

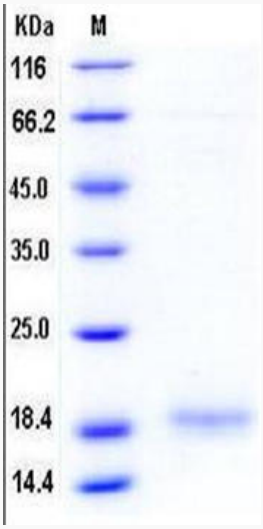
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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SDS-PAGE	

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