

## Product Information

### MemDX™ Membrane Protein Human COQ8B (Coenzyme Q8B) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1905K**

This product is for research use only and is not intended for diagnostic use.

This product is a Human COQ8B membrane protein expressed *in vitro* *E.coli* expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

COQ8B

##### Protein Length

Full Length

##### Protein Class

Transferase

##### TMD

1

##### Sequence

MWLKVGGLLRGTGGQLGQTVGWPCGALGPGPHRWGPCGGSWAQKFYQDGPGRGLGEEDIRRAREARPRKTPRQLSDRSRE

#### Product Description

##### Expression Systems

*in vitro* *E.coli* expression system

##### Tag

10xHis tag at the N-terminus

##### Protein Format

Soluble

##### Form

Liquid or Lyophilized powder

##### Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

### **Target**

#### **Target Protein**

COQ8B

#### **Full Name**

Coenzyme Q8B

#### **Introduction**

This gene encodes a protein with two copies of a domain found in protein kinases. The encoded protein has a complete protein kinase catalytic domain, and a truncated domain that contains only the active and binding sites of the protein kinase domain, however, it is not known whether the protein has any kinase activity. Multiple transcript variants encoding different isoforms have been found for this gene.

#### **Alternative Names**

COQ8B; ADCK4; NPHS9; atypical kinase COQ8B, mitochondrial; aarF domain containing kinase 4; aarF domain-containing protein kinase 4; coenzyme Q protein 8B; Coenzyme Q8B

#### **Gene ID**

[79934](#)

#### **UniProt ID**

[Q96D53](#)