

## Recombinant Human CCDC134 Protein (His Tag)

**Catalog No.** PKSH032266

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

<b>Synonyms</b>	Coiled-coil domain-containing protein 134;
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Thr 23-Leu229
<b>Accession</b>	Q9H6E4
<b>Calculated Molecular Weight</b>	25.3 kDa
<b>Observed molecular weight</b>	28-33 kDa
<b>Tag</b>	C-His
<b>Bioactivity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Background

Coiled-coil domain-containing protein 134(CCDC134), which is short for Coiled-coil domain-containing protein 134, belongs to the UPF0388 family. Human CCDC134 cDNA encodes a 229 amino acid (aa) precursor that contains a 22 aa signal peptide and a 207 aa with coiled-coil domain protein. Coiled-coil domain is a motif in which alpha-helix are coiled together. This protein is usually expressed in extracellular region. CCDC134 is also considered as a novel human MAPK-regulating protein that can inhibit the MAPK pathway.

### For Research Use Only