

# Recombinant Human LCORL protein, His-tagged

**Cat. No.** LCORL-3678H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LCORL protein(1-318 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-318 aa                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                                                              |
| <b>AA Sequence</b>      | MDKGRERMAAAAAAAAAAAAAAQCSPRCAAERRGFRRELD SWRHRLMHCVGFE<br>SILEGLYGPRLRRDLSLFEDCEPEELTDWSMDEKCSFCNLQREAVSDCIPSLDSSQS<br>TPTEELSSQGQSNTDKIECQAENYLNALFRKKDLPQNCDPNIPLVAQELMKKMIRQF<br>AIEYISKSGKTQENRNGSIGPSIVCKSIQMNQAENSLQEEQEGPLDLTVNRMQEQT<br>QQGDGVLDLSTKKTSIKSEESSICDPSENSVAGMLQVKTDEKLNVS DENTASCPLS<br>PIKMCLNRPIEWNLNLTTASLTCTVHNQNLKSEEK |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw                                                                                                                     |

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cycles.

#### Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

#### Gene Name

LCORL ligand dependent nuclear receptor corepressor-like [ Homo sapiens ]

#### Official Symbol

LCORL

#### Synonyms

LCORL; ligand dependent nuclear receptor corepressor-like; ligand-dependent nuclear receptor corepressor-like protein; FLJ30696; MLR1; LCOR-like protein; MBLK1-related protein; transcription factor MLR1;

#### Gene ID

254251

#### mRNA Refseq

NM\_001166139

#### Protein Refseq

NP\_001159611

#### MIM

611799

#### UniProt ID

Q8N3X6

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