

## Liver Receptor Homolog 1 Recombinant Protein | LRH1 recombinant protein

Recombinant Liver Receptor Homolog 1 (LRH1)

|                               |                       |                                           |                                               |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA144416</b> | HOST<br><b>E.coli</b> | REACTIVITY<br><b>Homo sapiens (Human)</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Liver Receptor Homolog 1; Recombinant Liver Receptor Homolog 1 (LRH1); LRH1 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                           | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity/Purification                                  | > 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form/Format                                          | 100mM NaHCO <sub>3</sub> , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Concentration                                        | Original Concentration: 200ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applicable Applications for LRH1 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Source                                               | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Residues                                             | Ser300~Ala541                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Tags                                                 | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Subcellular Location                                 | Nucleus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Traits                                               | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Predicted isoelectric point                          | 5.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Usage                                                | Reconstitute in ddH <sub>2</sub> O to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage                              | <p><b>Storage:</b><br/> Avoid repeated freeze/thaw cycles.<br/> Store at 2-8 degree C for one month.<br/> Aliquot and store at -80 degree C for 12 months.</p> <p><b>Stability Test:</b><br/> The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |



NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 83281171                                                                                                           |
| NCBI GeneID                      | 395961                                                                                                             |
| Molecular Weight                 | Predicted Molecular Mass: 31.7kDa<br>Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions. |
| NCBI Official Full Name          | liver receptor homolog-1, partial                                                                                  |
| NCBI Official Synonym Full Names | nuclear receptor subfamily 5, group A, member 2                                                                    |
| NCBI Official Symbol             | NR5A2                                                                                                              |
| NCBI Protein Information         | nuclear receptor subfamily 5 group A member 2                                                                      |
| UniProt Protein Name             | Nuclear receptor subfamily 5 group A member 2                                                                      |
| UniProt Gene Name                | NR5A2                                                                                                              |
| UniProt Entry Name               | NR5A2_CHICK                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.