

## PRODUCT DATASHEET

### OVERVIEW

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|--------------------------|--------------------------------------|
| <b>PRODUCT NAME</b>      | Recombinant Human LCT Protein, N-His |
| <b>PRODUCT REFERENCE</b> | ARO-P16100                           |
| <b>ORIGIN SPECIES</b>    | Homo sapiens (Human)                 |
| <b>SOURCE</b>            | P09848                               |
| <b>FRAGMENT</b>          | Ser20-Gly336                         |
| <b>TAG</b>               | N-His Tag                            |

### PRODUCT INFORMATION

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|--------------------------------|--|
| <b>EXPRESSION SYSTEM</b>       | Prokaryotic expression   |
| <b>PRODUCTION HOST</b>         | <i>Escherichia coli (E. coli)</i>  |
| <b>MOLECULAR WEIGHT</b>        | 37.90 kDa  |
| <b>FORM</b>                    | Lyophilized  |
| <b>BUFFER</b>                  | Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.   |
| <b>STABILITY &amp; STORAGE</b> | Store at 4°C for short term while lyophilized.<br>Freeze and store at -20°C or -80°C for long term.<br>Addition of 20 to 40 % glycerol may improve cryoprotection.<br>Avoid freeze/thaw cycles, aliquot the product according to your needs. |