

# Recombinant Human LYL1, His-tagged

**Cat. No.** LYL1-663H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LYL1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-280aa                                                                                                                                                              |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                            |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

## GENE INFORMATION

|                        |                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | LYL1 lymphoblastic leukemia derived sequence 1 [ Homo sapiens ]                                                     |
| <b>Official Symbol</b> | LYL1                                                                                                                |
| <b>Synonyms</b>        | LYL1; lymphoblastic leukemia derived sequence 1; protein lyl-1; bHLHa18; class A basic helix-loop-helix protein 18; |
| <b>Gene ID</b>         | 4066                                                                                                                |

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|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_005583                                                                                                                           |
| <b>Protein Refseq</b>      | NP_005574                                                                                                                           |
| <b>MIM</b>                 | 151440                                                                                                                              |
| <b>UniProt ID</b>          | P12980                                                                                                                              |
| <b>Chromosome Location</b> | 19p13.2                                                                                                                             |
| <b>Pathway</b>             | Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem; |
| <b>Function</b>            | DNA binding; protein binding;                                                                                                       |

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