

## Recombinant Human MYT1, His-tagged

Cat. No. MYT1-1156H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human MYT1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                               |
| Species          | Human                                                                                                                                                                 |
| Source           | E.coli                                                                                                                                                                |
| ProteinLength    | 431-820aa                                                                                                                                                             |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| Storage Buffer   | 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

|                 |                                                                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | MYT1 myelin transcription factor 1 [ Homo sapiens ]                                                                                                                        |
| Official Symbol | MYT1                                                                                                                                                                       |
| Synonyms        | MYT1; myelin transcription factor 1; PLPB1; MTF1; MYTI; myelin transcription factor I; proteolipid protein binding protein; proteolipid protein-binding protein; C20orf36; |
| Gene ID         | 4661                                                                                                                                                                       |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_004535                                                                                                                                                                                     |
| <b>Protein Refseq</b>      | NP_004526                                                                                                                                                                                     |
| <b>MIM</b>                 | 600379                                                                                                                                                                                        |
| <b>UniProt ID</b>          | Q01538                                                                                                                                                                                        |
| <b>Chromosome Location</b> | 20q13.33                                                                                                                                                                                      |
| <b>Pathway</b>             | G1 to S cell cycle control, organism-specific biosystem;                                                                                                                                      |
| <b>Function</b>            | DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; zinc ion binding; zinc ion binding; |

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