

## Recombinant Human POLR1E, GST-tagged

**Cat. No.** POLR1E-1840H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human POLR1E protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                        |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | C-term-317aa                                                                                                                                                      |
| <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 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | POLR1E polymerase (RNA) I polypeptide E, 53kDa [ Homo sapiens ]                                                                                                                                                                                                                                                 |
| <b>Official Symbol</b> | POLR1E                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | POLR1E; polymerase (RNA) I polypeptide E, 53kDa; polymerase (RNA) I associated factor 1 , PRAF1; DNA-directed RNA polymerase I subunit RPA49; FLJ13390; FLJ13970; PAF53; RNA polymerase I associated factor 53; RNA polymerase I subunit A49; RNA polymerase I-associated factor 1; RNA polymerase I-associated |

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|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | factor 53; polymerase (RNA) I associated factor 1; DNA-directed RNA polymerase I subunit E; PRAF1; FLJ43482; RP11-405L18.3;                                                                                                                                                                                                                             |
| <b>Gene ID</b>             | <a href="#">64425</a>                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>         | <a href="#">NM_022490</a>                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>      | <a href="#">NP_071935</a>                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>          | <a href="#">Q9GZS1</a>                                                                                                                                                                                                                                                                                                                                  |
| <b>Chromosome Location</b> | 9p13.1                                                                                                                                                                                                                                                                                                                                                  |
| <b>Pathway</b>             | Eukaryotic Transcription Initiation, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem; RNA polymerase, organism-specific biosystem; |
| <b>Function</b>            | DNA binding; DNA-directed RNA polymerase activity;                                                                                                                                                                                                                                                                                                      |