

## Recombinant Human PML protein, His-tagged

**Cat. No.** PML-1807H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PML protein(73-418 aa), fused with His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 73-418 aa                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                                                                                                 |
| <b>AA Sequence</b>      | LHTLCSGCLEASGMQCPICQAPWPLGADTPALDNVFFESLQRRLSVYRQIVDAQAV<br>CTRCKESADFWCFECEQLLCAKCFEAHQWFLKHEARPLAELRNQSVREFLDGTRK<br>TNNIFCSNPNHRTPTLTSIYCRGCSKPLCCSCALLDSSHSDLKCDISAEIQQRQEELD<br>AMTQALQEQDSAFGAVHAQMHAAVGQLGRARAETEELIRERVRQVVAHVRAQERE<br>LLEAVDARYQRDYEEMASRLGRLDAVLQRI RTGSALVQRMKCYASDQEVLDMHGFL<br>RQALCRLRQEEPQSLQAAVRTDGFDEFKVLRLQDLSSCITQGKDAAVSKKASPEAAS<br>TPRPIDVDL |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer                                                                                                                                                                                                                                            |

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** PML promyelocytic leukemia [ Homo sapiens ]

**Official Symbol** PML

**Synonyms** PML; promyelocytic leukemia; protein PML; MYL; RNF71; TRIM19; RING finger protein 71; promyelocytic leukemia protein; tripartite motif protein TRIM19; probable transcription factor PML; promyelocytic leukemia, inducer of; tripartite motif-containing protein 19; PP8675;

**Gene ID** 5371

**mRNA Refseq** NM\_033238

**Protein Refseq** NP\_150241

**MIM** 102578

**UniProt ID** P29590

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