

# Recombinant Human Promyelocytic Leukemia, GST-tagged

**Cat. No.** PML-2375H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human PML SUMOylation site peptide produced in <i>E.coli</i> as a GST-tagged protein, 28.459 kDa.
<b>Species</b>	Human
<b>Source</b>	<i>E.coli</i>
<b>Description</b>	A peptide representing the sequence of the primary PML SUMOylation site (Lys-490) and its surrounding amino acid residues (485-495) acts as a target protein for in vitro SUMOylation and has utility as a substrate for SUMO chain formation. Suggested uses :Substrate for in vitro SUMOylation reactions, Investigation of SUMO conjugation pathway and SUMO chain formation, GST pull down of SUMO modified PML species.
<b>Source/Host</b>	<i>E.coli</i> .
<b>Purity</b>	≥95% (SDS-PAGE).
<b>Long Term Storage</b>	-80°C.

## GENE INFORMATION

<b>Gene Name</b>	PML promyelocytic leukemia [ <i>Homo sapiens</i> ]
<b>Synonyms</b>	promyelocytic leukemia; MYL; RNF71; PP8675; TRIM19; PML; probable transcription

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factor PML; RING finger protein 71; promyelocytic leukemia protein; tripartite motif protein TRIM19; promyelocytic leukemia, inducer of; tripartite motif-containing protein 19; Tripartite motif-containing protein 19; RING finger protein 71

**Gene ID** 5371

**mRNA Refseq** NM\_002675

**Protein Refseq** NP\_002666

**MIM** 102578

**UniProt ID** P29590

**Chromosome Location** 15q22

**Pathway** Acute myeloid leukemia; Endocytosis; Pathways in cancer; Ubiquitin mediated proteolysis

**Function** protein homodimerization activity; transcription regulator activity; ubiquitin protein ligase binding; DNA binding; SMAD binding; metal ion binding; protein binding; zinc ion binding

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