

## Recombinant Human PMEL protein, His-SUMO-tagged

Cat. No. PMEL-3492H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PMEL protein(P40967)(25-467aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-467aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	63 kDa
<b>AA Sequence</b>	KVPRNQDWLGVSRQLRTKAWNRQLYPEWTEAQRLLDCWRGGQVSLKVSNDGPTLI GANASFSIALNFPGSQKVLDPDGQVIWVNNTIINGSQVWGGQPVYPQETDDACIFPDG GPCPSGSWSQKRSFVYVWKTWGQYWQVVLGGPVSGLSIGTGRAMLGHTMEVTVY HRRGSRSYVPLAHSSSAFTITDQVPFSVSVSQLRALDGGNKHFLRNQPLTFALQLHD PSGYLAEADLSYTWDFGDSSGTLISRALVVTHTYLEPGPVTAQVVLQAAIPLTSCGS SPVPGTTDGHRTAEAPNTTAGQVPTTEVVGTTTPGQAPTAEPSTTSVQVPTTEVI STAPVQMPTAESTGMTPEKVPVSEVMGTTLAEMSTPEATGMTPAEVSIVVLSGTTA AQVTTTEWVETTARELPIPEPEGPDASSIMSTESITGSLGPLLDGTATLRLV

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

<b>Gene Name</b>	PMEL premelanosome protein [ Homo sapiens ]
<b>Official Symbol</b>	PMEL
<b>Synonyms</b>	PMEL; premelanosome protein; SIL, SILV, silver (mouse homolog) like , silver homolog (mouse); melanocyte protein PMEL; D12S53E; gp100; Pmel17; SI; melanocyte protein mel 17; silver, mouse, homolog of; melanocyte protein Pmel 17; melanosomal matrix protein17; silver locus protein homolog; melanoma-associated ME20 antigen; melanocytes lineage-specific antigen GP100; P1; SIL; ME20; P100; SILV; ME20M; ME20-M; PMEL17;
<b>Gene ID</b>	6490
<b>mRNA Refseq</b>	NM_001200053
<b>Protein Refseq</b>	NP_001186982
<b>MIM</b>	155550
<b>UniProt ID</b>	P40967

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