

Recombinant Human PMEL protein, His-SUMO-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PMEL protein(P40967)(25-467aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	25-467aa
Form	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.
Molecular Mass	63 kDa
AA Sequence	KVPRNQDWLGVSQRQLRTKAWNRLYPEWTEAQRDCWRGGQVSLKVSNDGPTLI GANASFSLNFPQSQKVLDPDGQVIWVNNTIINGSQVWGGQPVYPQETDDACIFPDG GPCPSGSWSQKRSFVYVWKTWGQYVQVLGGPVSGLSIGTGRAMLGHTMEVTYV HRRGSRSYVPLAHSSSAFTITDQVPFSVSVSQLRALDGGNKHFLRNQPLTFALQLHD PSGYLAEADLSYTWDFGDSSGTLISRALVVTHTYLEPGPVTAQVVLQAAIPLTSCGS SPVPGTTDGHRTAEAPNTTAGQVPTTEVVGTTPGQAPTAEPSTTSVQVPTTEVI STAPVQMPTAESTGMTPEKVPVSEVMGTTLAEMSTPEATGMTPAEVSIVVLSGTTA AQVTTTEWVETTARELPIPEPEGPDASSIMSTESITGSLGPLLDGTATLRLV

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

Gene Name	PMEL premelanosome protein [Homo sapiens]
Official Symbol	PMEL
Synonyms	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;
Gene ID	6490
mRNA Refseq	NM_001200053
Protein Refseq	NP_001186982
MIM	155550
UniProt ID	P40967

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