

Recombinant Human PRIM2 protein, His-tagged

Cat. No. PRIM2-3242H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRIM2 protein(1-158 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-158 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MEFSGRKWRKLRLAGDQRNASYPHCLQFYLPPESENISLIEFENLAIDRVKLLKSVE NLGVSYVKGTEQYQSKLESELRLKFSYRENLEDEYEPRRRDHISHFILRLAYCQSE ELRRWFIQQEMDLLRFRFSILPKDKIQDFLKDSQLQFEAVSIFL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer 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.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PRIM2 primase, DNA, polypeptide 2 (58kDa) [Homo sapiens]
Official Symbol	PRIM2
Synonyms	PRIM2; primase, DNA, polypeptide 2 (58kDa); PRIM2A, primase, polypeptide 2A (58kD) , primase, polypeptide 2A, 58kDa; DNA primase large subunit; dJ422B11.1.1; DNA primase subunit p58; DNA primase 58 kDa subunit; primase polypeptide 2A, 58kDa; p58; PRIM2A; MGC75142;
Gene ID	5558
mRNA Refseq	NM_000947
Protein Refseq	NP_000938
MIM	176636
UniProt ID	P49643

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