

Recombinant Human PRIM1 Protein (1-420 aa), His-SUMO-tagged

Cat. No. PRIM1-2085H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRIM1 Protein (1-420 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-420 aa
Description	DNA primase is the polymerase that synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication.
Form	Tris-based buffer,50% glycerol
Molecular Mass	65.9 kDa
AA Sequence	METFDPTLPELLKLYRRLFPYSQYYRWLNYYGGVIKNYFQHREFSFTLKDDIYIRYQ SFNNQSDLEKEMQKMNPYKIDIGAVYSHRPNQHNTVKLGAFQAQEKELVFDIDMTD YDDVRCCSSADICPKCWTLMTMAIRIIDRALKEDFGFKHRLWVYSGRRGVHCWVC DESVRKLSSAVRSGIVEYLSLVKGGQDVKKKVHLSEKIHFPIRKSINIIKKYFEEYALVN QDILENKESWDKILALVPETIHDELQQSFQKSHNSLQRWEHLKKVASRYQNNIKNDK YGPWLEWEIMLQYCFPRLDINVSKGINHLLKSPFSVHPKTGRISVPIDLQKVDQFDPF TVPTISFICRELDIASTNEEEKEENEAEESDVKHRTDRDYKKTSLAPYVKVFEHFLENLDK

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	SRKGELLKKSDLQKDF
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

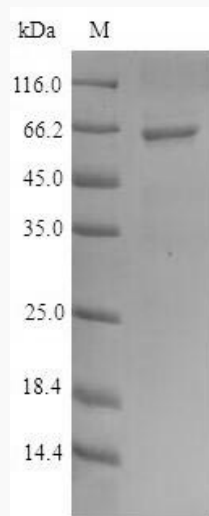
GENE INFORMATION

Gene Name	PRIM1 primase, DNA, polypeptide 1 (49kDa) [Homo sapiens]
Official Symbol	PRIM1
Synonyms	PRIM1; DNA primase 1; p49; MGC12308;
Gene ID	5557
mRNA Refseq	NM_000946
Protein Refseq	NP_000937
MIM	176635
UniProt ID	P49642

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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