

Recombinant Human SMG7 protein, His-tagged

Cat. No. SMG7-3947H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMG7 protein(201-500 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	201-500 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	DHLTTIFYYCRSIAVKFPFPAASTNLQKALSKALESRDEVKTKWGVSDFIKAFIKFHGH VYLSKSLEKLSPLREKLEEQFKRLLFQKAFNSQQLVHVTVINLFLHHLRDFSNETEQ HTYSQDEQLCWTQLLALFMSFLGILCKCPLQNESQEESYNAYPLPAVKVSMDWLRL RPRVFQEAVVDERQYIWPWLISLLNSFHPHEEDLSSISATPLPEEFELQGFLALRPSF RNLD FSKGHQGITGDKEGQRRIRQQRLISIGKWIADNPRLIQCENEV GKLLFITEIP ELILEDPSEA
Purity	90%, 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

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

SMG7 smg-7 homolog, nonsense mediated mRNA decay factor (*C. elegans*) [*Homo sapiens*]

Official Symbol

SMG7

Synonyms

SMG7; smg-7 homolog, nonsense mediated mRNA decay factor (*C. elegans*); C1orf16, chromosome 1 open reading frame 16; protein SMG7; EST1 telomerase component homolog C (*S. cerevisiae*); EST1C; KIAA0250; SGA56M; SMG 7; EST1-like protein C; ever shorter telomeres 1C; EST1 telomerase component homolog C; breast cancer-associated antigen SGA-56M; C1orf16; FLJ23717;

Gene ID

9887

mRNA Refseq

NM_001174061

Protein Refseq

NP_001167532

MIM

610964

UniProt ID

Q92540

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