Recombinant Human SMG8 protein, GST-tagged

Cat. No. SMG8-5743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMG8 protein(521-745 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	521-745 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MTVHKNQLAQALRVYSQHARGPAFHKYAMQLHEDCYKFWSNGHQLCEERSLTDQ HCVHKFHSLPKSGEKPEADRNPPVLYHNSRARSTGACNCGRKQAPRDDPFDIKAA NYDFYQLLEEKCCGKLDHINFPVFEPSTPDPAPAKNESSPAPPDSDADKLKEKEPQT QGESTSLSLALSLGQSTDSLGTYPADPQAGGDNPEVHGQVEVKTEKRPNFVDRQA STVE
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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	repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	SMG8 smg-8 homolog, nonsense mediated mRNA decay factor (C. elegans) [Homo sapiens]
Official Symbol	SMG8
Synonyms	SMG8; smg-8 homolog, nonsense mediated mRNA decay factor (C. elegans); C17orf71, chromosome 17 open reading frame 71; protein SMG8; FLJ10587; FLJ23205; protein smg-8 homolog; amplified in breast cancer gene 2 protein; C17orf71;
Gene ID	55181
mRNA Refseq	NM_018149
Protein Refseq	NP_060619
MIM	613175
UniProt ID	Q8ND04

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SDS-PAGE



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