

Recombinant Human SMG5 cell lysate

Cat. No. SMG5-1650HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	SMG5 is involved in nonsense-mediated mRNA decay (Ohnishi et al., 2003 [PubMed 14636577]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	SMG5 smg-5 homolog, nonsense mediated mRNA decay factor (<i>C. elegans</i>) [<i>Homo sapiens</i>]
Official Symbol	SMG5
Synonyms	SMG5; smg-5 homolog, nonsense mediated mRNA decay factor (<i>C. elegans</i>); protein SMG5; EST1 telomerase component homolog B (<i>S. cerevisiae</i>); EST1B; KIAA1089; LPTS RP1; LPTS RP1; RP11 54H19.7; SMG 5; hSMG-5; EST1-like protein B; Est1p-like protein B; LPTS interacting protein; LPTS-interacting protein; ever shorter telomeres 1B; EST1 telomerase component homolog B; SMG-5; LPTS-RP1; RP11-

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	54H19.7; FLJ12287; FLJ34864;
Gene ID	23381
mRNA Refseq	NM_015327
Protein Refseq	NP_056142
MIM	610962
UniProt ID	Q9UPR3
Chromosome Location	1q21
Pathway	Gene Expression, organism-specific biosystem; Nonsense Mediated Decay Enhanced by the Exon Junction Complex, organism-specific biosystem; Nonsense-Mediated Decay, organism-specific biosystem; Regulation of Telomerase, organism-specific biosystem; Signaling events mediated by HDAC Class I, organism-specific biosystem; mRNA surveillance pathway, organism-specific biosystem; mRNA surveillance pathway, conserved biosystem;
Function	protein binding; protein phosphatase 2A binding;