



Human SMG5 peptide (DAG-P1175)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	SMG5 is involved in nonsense-mediated mRNA decay (Ohnishi et al., 2003 [PubMed 14636577]).[supplied by OMIM, Mar 2008]
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	SMG5 SMG5 nonsense mediated mRNA decay factor [Homo sapiens (human)]
Official Symbol	SMG5
Synonyms	SMG5; SMG5 nonsense mediated mRNA decay factor; EST1B; SMG-5; LPTSRP1; LPTS-RP1; protein SMG5; hSMG-5; RP11-54H19.7; 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 homolog, nonsense mediated mRNA decay factor;
Entrez Gene ID	23381
mRNA Refseq	NM_015327.2
Protein Refseq	NP_056142.2
UniProt ID	Q9UPR3
Chromosome Location	1q21.2

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;