Recombinant Human EXO1 cell lysate

Cat. No. EXO1-580HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes a protein with 5 to 3 exonuclease activity as well as an RNase H activity. It is similar to the Saccharomyces cerevisiae protein Exo1 which interacts with Msh2 and which is involved in mismatch repair and recombination. Alternative splicing of this gene results in three transcript variants encoding two different isoforms.
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	EXO1 exonuclease 1 [Homo sapiens]
Official Symbol	EXO1
Synonyms	EXO1; exonuclease 1; HEX1; hExoI; rad2 nuclease family member; homolog of S. cerevisiae exonuclease 1; hExo1; rad2 nuclease family member, homolog of S. cerevisiae exonuclease 1;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	9156
mRNA Refseq	NM_003686
Protein Refseq	NP_003677
MIM	606063
UniProt ID	Q9UQ84
Chromosome Location	1q42-q43
Pathway	Mismatch repair, organism-specific biosystem; Mismatch repair, conserved biosystem;
Function	5-3 exodeoxyribonuclease activity; 5-3 exonuclease activity; DNA binding; double-stranded DNA specific 5-3 exodeoxyribonuclease activity; endonuclease activity; exonuclease activity; exonuclease activity; flap endonuclease activity; metal ion binding; protein binding; ribonuclease H activity; single-stranded DNA specific 5-3 exodeoxyribonuclease activity; structure-specific DNA binding;

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