

Recombinant Human FAN1 cell lysate

Cat. No. FAN1-911HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a member of the myotubularin-related class 1 cysteine-based protein tyrosine phosphatases. The encoded protein may be catalytically inactive. Alternatively spliced transcript variants have been described.
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	FAN1 FANCD2/FANCI-associated nuclease 1 [Homo sapiens]
Official Symbol	FAN1
Synonyms	FAN1; FANCD2/FANCI-associated nuclease 1; KIAA1018 , MTMR15, myotubularin related protein 15; fanconi-associated nuclease 1; myotubularin related protein 15; myotubularin-related protein 15; fanconi anemia associated nuclease 1; coiled-coil domain-containing protein MTMR15; MTMR15; KIAA1018; DKFZp451H236; DKFZp686K16147;

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Gene ID	22909
mRNA Refseq	NM_001146094
Protein Refseq	NP_001139566
MIM	613534
UniProt ID	Q9Y2M0
Chromosome Location	15q13.2-q13.3
Pathway	Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem;
Function	5-3 exonuclease activity; 5-flap endonuclease activity; DNA binding; endonuclease activity; magnesium ion binding; phosphodiesterase I activity; protein binding; ubiquitin binding;

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