Recombinant Human DROSHA Lysate

Cat. No. DROSHA-424HCL **Lot. No.** (See product label)

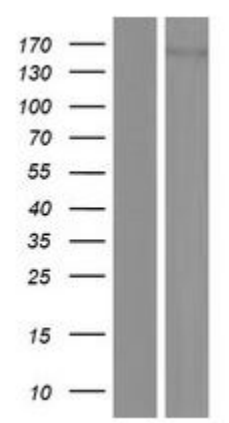
SPECIFICATION

Product Overview	Recombinant Human DROSHA protein (as WB positive control) was fused at Myc/DDK-tagged at the C-terminus and overexpressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
Description	This gene encodes a ribonuclease (RNase) III double-stranded RNA-specific ribonuclease and subunit of the microprocessor protein complex, which catalyzes the initial processing step of microRNA (miRNA) synthesis. The encoded protein cleaves the stem loop structure from the primary microRNA (pri-miRNA) in the nucleus, yielding the precursor miRNA (pre-miRNA), which is then exported to the cytoplasm for further processing. In a human cell line lacking a functional copy of this gene, canonical miRNA synthesis is reduced. Somatic mutations in this gene have been observed in human patients with kidney cancer.
Form	1 vial of 20 ug lyophilized gene specific transient over-expression cell lysate.
Molecular Mass	159.1 kDa
Applications	WB positive control
Storage	The lysate can be shipped at ambient temperature. Upon receiving, store the sample at -20 centigrade. Lysate samples can be reconstituted with SDS Sample Buffer. Avoid repeated freeze-thaw cycles after reconstitution. Lysate samples are stable for

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

	12 months from date of receipt when stored at -20 centigrade.

GENE INFORMATION

Gene Name	DROSHA
Official Symbol	DROSHA
Synonyms	RN3; ETOHI2; RNASEN; RANSE3L; RNASE3L; HSA242976
Gene ID	29102
mRNA Refseq	NM_013235.5
Protein Refseq	NP_037367.3
MIM	608828
UniProt ID	Q9NRR4
SDS-PAGE of DROSHA-424HCL	

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