

Recombinant Human RNF111 cell lysate

Cat. No. RNF111-1516HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene contains a RING finger domain, a motif known to be involved in protein-protein and protein-DNA interactions. The mouse counterpart of this gene (Rnf111/arkadia) has been shown to genetically interact with the transforming growth factor (TGF) beta-like factor Nodal, and act as a modulator of the nodal signaling cascade, which is essential for the induction of mesoderm during embryonic development.
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	RNF111 ring finger protein 111 [Homo sapiens]
Official Symbol	RNF111
Synonyms	RNF111; ring finger protein 111; E3 ubiquitin-protein ligase Arkadia; ARK; Arkadia; DKFZP761D081; FLJ38008; DKFZp761D081; DKFZp313E0731; DKFZp686H1966;

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Gene ID	54778
mRNA Refseq	NM_017610
Protein Refseq	NP_060080
MIM	605840
UniProt ID	Q6ZNA4
Chromosome Location	15q21
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; TGF-beta receptor signaling, organism-specific biosystem;
Function	ligase activity; metal ion binding; protein binding; ubiquitin-protein ligase activity; zinc ion binding;

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