

RNF111 抗原（重组蛋白）

中文名称： RNF111 抗原（重组蛋白）

英文名称： RNF111 Antigen (Recombinant Protein)

别 名： ring finger protein 111; ARK; hRNF111

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 850-986 amino acids of human RNF111

技术规格

Full name:	ring finger protein 111
Synonyms:	ARK; hRNF111
Swissprot:	Q6ZNA4
Gene Accession:	BC010369
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a nuclear RING-domain containing E3 ubiquitin ligase. This protein interacts with the transforming growth factor (TGF) -beta/NODAL signaling pathway by promoting the ubiquitination and proteosomal degradation of negative regulators, like SMAD proteins, and thereby enhances TGF-beta target-gene transcription. As a modulator of the nodal signaling cascade, this gene plays a critical role in the induction of mesoderm during embryonic development. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.