

NAIF1 抗原（重组蛋白）

中文名称： NAIF1 抗原（重组蛋白）

英文名称： NAIF1 Antigen (Recombinant Protein)

别 名： C9orf90, bA379C10.2, RP11-379C10.2

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 1-172 amino acids of human NAIF1

技术规格

Full name:	nuclear apoptosis inducing factor 1
Synonyms:	C9orf90, bA379C10.2, RP11-379C10.2
Swissprot:	Q69YI7
Gene Accession:	BC021580
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Human NAIF1 is located on chromosome 9q34.11 and encodes 327 amino acids with a homeodomain-like region and two nuclear localization signals at its N-terminal region. NAIF1 is conserved across diverse species, including human, mouse, crab-eating macaque, dog, chicken and frog, and shares no obvious homology to any known genes or proteins. NAIF1 was predominantly localized in the nucleus. Overexpression of NAIF1 inhibited c

ell growth and induced apoptosis. Furthermore, NAIF1 transfecti
on caused both decreases in mitochondrial membrane potential
and caspase-3 activation. In summary, NAIF1 is a nuclear protei
n that induces apoptosis when overexpressed.