

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 cell growth and induced apoptosis. Furthermore, NAIF1 transfection caused both decreases in mitochondrial membrane potential and caspase-3 activation. In summary, NAIF1 is a nuclear protein that induces apoptosis when overexpressed.

