NTAN1 抗原（重组蛋白）

中文名称：NTAN1 抗原（重组蛋白）

英文名称： NTAN1 Antigen (Recombinant Protein)

别　名： PNAA; PNAD

储　存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 1-310 amino acids of human NTAN1

技术规格：

Full name:	N-terminal asparagine amidase
Synonyms:	PNAA; PNAD
Swissprot:	Q96AB6
Gene Accession:	BC017336
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 functions in a step-wise process of protein degradation through the N-end rule pathway. This protein acts as a tertiary destabilizing enzyme that deamidates N-terminal L-Asn residues on proteins to produce N-terminal L-Asp. L-Asp substrates are subsequently conjugated to L-Arg, which is recognized by specific E3 ubiquitin ligases and targeted to the proteasome. Pseudogenes of this gene are located on the long arms of chromosomes 8, 10 and 12. Alternative splicing results in multiple transcript variants that encode different protein isoforms.