

XPNPEP3 抗原（重组蛋白）

中文名称：XPNPEP3 抗原（重组蛋白）

英文名称：XPNPEP3 Antigen (Recombinant Protein)

别名：X-prolyl aminopeptidase 3; APP3; ICP55; NPHPL1

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 308-507 amino acids of human XPNPEP3

技术规格

Full name:	X-prolyl aminopeptidase 3
Synonyms:	APP3; ICP55; NPHPL1
Swissprot:	Q9NQH7
Gene Accession:	BC001681
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 belongs to the family of X-pro-aminopeptidases that utilize a metal cofactor, and remove the N-terminal amino acid from peptides with a proline residue in the penultimate position. This protein has been shown to localize to the mitochondria of renal cells, and have a role in ciliary function . Mutations in this gene are associated with nephronophthisis-like nephropathy-1. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene, however, expression of some of these isoforms in vivo is not known.