

Product datasheet for **TP720858M**

XPNPEP3 (NM_022098) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human X-prolyl aminopeptidase (aminopeptidase P) 3, putative (XPNPEP3), nuclear gene encoding mitochondrial protein, transcript variant 1
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Ser507
Tag:	N-His&C-His
Predicted MW:	60.2 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_071381
Locus ID:	63929
UniProt ID:	Q9NQH7
RefSeq Size:	8027
Cytogenetics:	22q13.2
RefSeq ORF:	1521
Synonyms:	APP3; ICP55; NPHPL1



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Summary:

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.[provided by RefSeq, Mar 2011]

Protein Families:

Druggable Genome, Protease