

## Product datasheet for **TP720861XL**

### Cyclophilin 40 (PPID) (NM\_005038) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human peptidylprolyl isomerase D (PPID)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Ala370
Tag:	N-His&C-His
Predicted MW:	43.9 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/ $\mu$ g of protein (< 1 EU/ $\mu$ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_005029</a>
Locus ID:	5481
UniProt ID:	<a href="#">Q08752</a> , <a href="#">E5KN55</a>
RefSeq Size:	1851
Cytogenetics:	4q32.1
RefSeq ORF:	1110
Synonyms:	CYP-40; CYPD
Summary:	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein has been shown to possess PPIase activity and, similar to other family members, can bind to the immunosuppressant cyclosporin A. [provided by RefSeq, Jul 2008]
Protein Families:	Stem cell - Pluripotency



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**Protein Pathways:** Calcium signaling pathway, Huntington's disease, Parkinson's disease