

## 32-7269: Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase-Like 1/PPIase/PPIL1(N-6His)

**Gene :** PPIL1  
**Gene ID :** 51645  
**Uniprot ID :** Q9Y3C6

### Description

Source: E.coli.  
MW :20.4kD.

Recombinant Human PPIase is produced by our E.coli expression system and the target gene encoding Met1-Gly166 is expressed with a 6His tag at the N-terminus. Peptidyl-Prolyl Cis-Trans Isomerase-Like 1 (PPIase) belongs to the cyclophilin-type PPIase family. PPIases can accelerate the folding of proteins and catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. PPIase is a ubiquitous protein and has highly expression in heart ,skeletal and muscle. PPIase contains a PPIase cyclophilin-type domain and four Cyclosporin A binding regions. PPIase might play an important role in proliferation of cancer cells through modulation of phosphorylation of stathmin. It is suggested that PPIase can act as a novel molecular target for colon-cancer therapy.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHHSSGLVPRGSHMAAIPDSWQPPNVYLETSMGIIVLELYWKHAPKTCKNFAELARRGYNGTKF  
HRIIKDFMIQGGDPTGTGRGGASIYGKQFEDELHPDLKFTGAGILAMANAGPDTNGSQFFVTLAPTQWLDGKH  
TIFGRVCQGIGMVNRVGMVETNSQDRPVDDVKIKAYPSG

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.