

Recombinant Human PPIL4 protein, GST-tagged

Cat. No. PPIL4-1890H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPIL4 protein(301-492 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	301-492 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MDNVLIDDRRIHVDFSQSVAKVKWKGKGGKYTKSDFKEYEKEQDKPPNLVLKDKVK PKQDTKYDLILDEQAEDSKSSHSTSKKHKKKTHHCSEEKEDEDYMPIKNTNQDIYR EMGFGHYEEEEESCWEKQKSEKRDRTQNRSRSRSRERDGHYSNSHKSKYQTDLYE RERSKKRDRSRSPKSKDKEKSKYR
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

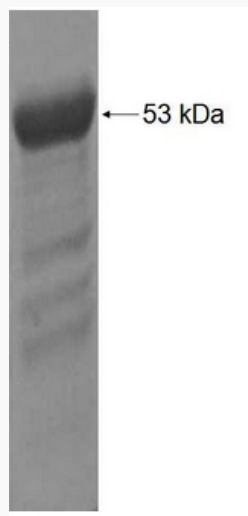
GENE INFORMATION

Gene Name	PPIL4 peptidylprolyl isomerase (cyclophilin)-like 4 [Homo sapiens]
Official Symbol	PPIL4
Synonyms	PPIL4; peptidylprolyl isomerase (cyclophilin)-like 4; peptidyl-prolyl cis-trans isomerase-like 4; PPIase; rotamase PPIL4; cyclophilin-like protein PPIL4; cyclophilin-type peptidyl-prolyl cis-trans isomerase; serologically defined breast cancer antigen NY-BR-18; HDCME13P;
Gene ID	85313
mRNA Refseq	NM_139126
Protein Refseq	NP_624311
MIM	607609
UniProt ID	Q8WUA2

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SDS-PAGE

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