

Recombinant human Cyclophilin 40 protein ab78815

1 References

Description	
Product name	Recombinant human Cyclophilin 40 protein
Biological activity	Specific activity is >700nmol/min/mg and is defined as the amount of enzyme that cleaves 1nmole of suc-AAPF-pNA per minute at 37C in Tris-HCl pH 8.0 using chymotrypsin.
Purity	> 95 % SDS-PAGE. ab78815 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSHMSHPSPQAKPSNPSNPRV FFDVDIGGERVG RVLELFADIVPKTAENFRALCTGEKGIGHTTGKPLHFKGC PFHRIKKF MIQGGDFSNQNGTGGESIYGEKFEDENFHYKHDREGLLS MANAGRNTNGS QFFITTVPTPHLDGKHVVFGQVIKGIGVARILENVEVKGEKP AKLCVIAE CGELKEGDDGGIFPKDGS GD SHPDFPEDADIDLKDVDKIL LITEDLKNIG NTFFKSQNWEMAIKKYAEVLRVVDSSKAVIETADRAKLQPI ALSCVLNIG ACKLKMSNWQGAIDSCLEALELDPSNTKALYRRAQGWW GLKEYDQALADL KKAQGIAPEDKAIQAELLKVKQKIKAQKDKEKAVYAKMFA

Specifications	
Our <b>Abpromise guarantee</b> covers the use of <b>ab78815</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE Functional Studies

<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

## Preparation and Storage

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<b>Stability and Storage</b>	<p>Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.</p> <p>pH: 7.40</p> <p>Constituents: PBS, 10% Glycerol (glycerin, glycerine)</p> <p>This product is an active protein and may elicit a biological response in vivo, handle with caution.</p>
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## General Info

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<b>Function</b>	PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
<b>Tissue specificity</b>	Widely expressed.
<b>Sequence similarities</b>	<p>Belongs to the cyclophilin-type PPlase family. PPlase D subfamily.</p> <p>Contains 1 PPlase cyclophilin-type domain.</p> <p>Contains 3 TPR repeats.</p>
<b>Cellular localization</b>	Cytoplasm.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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