abcam

Product datasheet

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	MGSSHHHHHHSSGLVPRGSHMSHPSPQAKPSNPSNPRV FFDVDIGGERVG RIVLELFADIVPKTAENFRALCTGEKGIGHTTGKPLHFKGC PFHRIIKKF MIQGGDFSNQNGTGGESIYGEKFEDENFHYKHDREGLLS MANAGRNTNGS QFFITTVPTPHLDGKHVVFGQVIKGIGVARILENVEVKGEKP AKLCVIAE CGELKEGDDGGIFPKDGSGDSHPDFPEDADIDLKDVDKIL LITEDLKNIG NTFFKSQNWEMAIKKYAEVLRYVDSSKAVIETADRAKLQPI ALSCVLNIG ACKLKMSNWQGAIDSCLEALELDPSNTKALYRRAQGWQ GLKEYDQALADL KKAQGIAPEDKAIQAELLKVKQKIKAQKDKEKAVYAKMFA

Specifications

Our **Abpromise guarantee** covers the use of **ab78815** 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

Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage	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. pH: 7.40 Constituents: PBS, 10% Glycerol (glycerin, glycerine) This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

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

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

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