

Recombinant human PPIH protein ab78874

1 Image

Description

Product name	Recombinant human PPIH protein
Biological activity	Specific activity is > 220nmol/min/mg, and is defined as the amount of enzyme that cleaves 1umole of suc-AAPF-pNA per minute at 37°C in Tris-Hcl pH8.0 using chymotrypsin.
Purity	> 95 % SDS-PAGE. ab78874 is purified using conventional chromatography techniques.
Endotoxin level	< 1.000 Eu/μg
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAVANSSPVNPVVFDDVSIQQGEVGRMKIELFADVVPKT AENFRQFCTGE FRKDGVPICYKGSTFHRVIKDFMIQGGDFVNGDGTGVASIY RGPFADENF KLRHSAPGLLSMANS GPSTNGCQFFITCSKCDWLDGKHV VFGKIIDGLLV MRKIENVPTGPNKPKLPVVISQCGEM

Specifications

Our **Abpromise guarantee** covers the use of **ab78874** 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.
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pH: 7.40

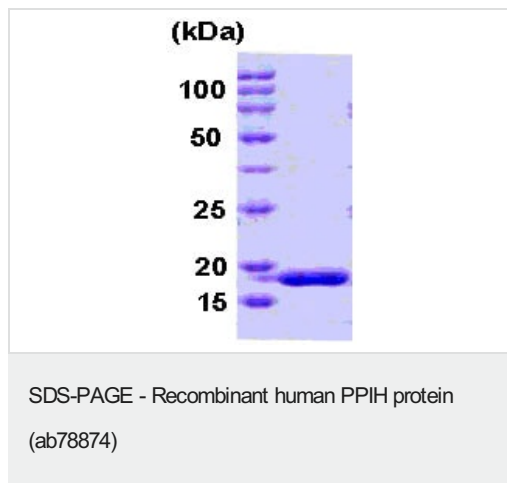
Constituents: PBS, 10% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function	PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Participates in pre-mRNA splicing. May play a role in the assembly of the U4/U5/U6 tri-snRNP complex. May act as a chaperone.
Sequence similarities	Belongs to the cyclophilin-type PPlase family. PPlase H subfamily. Contains 1 PPlase cyclophilin-type domain.
Cellular localization	Nucleus speckle. Cytoplasm. Colocalizes with spliceosomal snRNPs. A small proportion may also be cytoplasmic.

Images



15% SDS-PAGE showing ab78874 at approximately 19kDa (3μg).

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

Our Abpromise to you: Quality guaranteed and expert technical support

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