

Product datasheet

Recombinant Human Cyclophilin E protein (His tag)
ab206449

1 Image

Description

Product name	Recombinant Human Cyclophilin E protein (His tag)	
Purity	> 95 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	Escherichia coli	
Accession	Q9UNP9	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MKHHHHHHAS ATTKRVLVWG GLAEEVDDKV LHAAFIPFGD ITDIQIPLDY ETEKHRGFAF VEFELAEDAA AAIDNMNESE LFGRTIRVNL AKPMRIKEGS SRPVWSDDDW LKKFSGKTLE ENKEEEGSEP PKAETQEGEP IAKKARSNPQ VYMDIKIGNK PAGRIQMLLR SDVVPMTAEN FRCLCTHEKG FGFKGSSFHR IIPQFMCQGG DFTNHNGTGG KSIYGKKFDD ENFILKHTGP GLLSMANSGP NTNGSQFFLT CDKTDWLDGK HVVFGEVTEG LDVLRQIEAQ GSKDGKPKQK VIIADCGEYV	
Predicted molecular weight	35 kDa including tags	
Amino acids	2 to 301	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab206449** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Mass Spectrometry

	SDS-PAGE
Mass spectrometry	LC-MS/MS
Form	Lyophilised

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.

Constituent: 100% PBS

Reconstitution Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

General Info

Function PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Combines RNA-binding and PPlase activities. May be involved in muscle- and brain-specific processes. May be involved in pre-mRNA splicing.

Tissue specificity Found in all the examined tissues including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.

Sequence similarities Belongs to the cyclophilin-type PPlase family. PPlase E subfamily.
Contains 1 PPlase cyclophilin-type domain.
Contains 1 RRM (RNA recognition motif) domain.

Cellular localization Nucleus.

Images



14 % SDS-PAGE separation of ab206449.

Lane 1: M.W. marker – 14, 21, 31, 45, 66, 97 kDa

Lane 2: Reduced and boiled sample, 2.5 µg/lane

Lane 3: Non-reduced and non-boiled sample, 2.5 µg/lane

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

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