

Recombinant human FKBP14 protein ab99328

1 Image

Description	
Product name	Recombinant human FKBP14 protein
Biological activity	Specific activity is > 240 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1 µmole of suc-AAFP-pNA per minute at 37°C in Tris-Hcl pH8.0 using chymotrypsin.
Purity	> 90 % SDS-PAGE. ab99328 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q9NWM8</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMALIPEPEVKIEVLQKPF CHRKTKGGDLM LVHYEGYLEKDGSLFSTHKHNNGQPWFTLGILEALKGW DQGLKGMCVG EKRKLIIPPALGYGKEGKGKIPPESTLIFNIDLLEIRNGPRSH ESFQEMD LNDDWKLSKDEVKAYLKKEFEKHGAVVNESHHDALVEDI FDKEDEDKDGF ISAREFTYKHDEL
Predicted molecular weight	24 kDa including tags
Amino acids	20 to 211
Tags	His tag N-Terminus

Specifications	
Our Abpromise guarantee covers the use of ab99328 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Functional Studies SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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

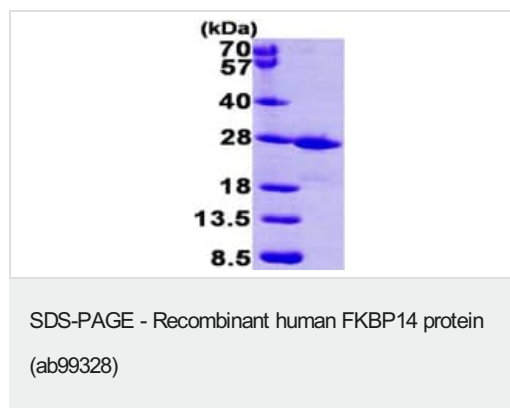
Function PPases accelerate the folding of proteins during protein synthesis.

Involvement in disease Ehlers-Danlos syndrome, with progressive kyphoscoliosis, myopathy, and hearing loss

Sequence similarities Contains 2 EF-hand domains.
Contains 1 PPase FKBP-type domain.

Cellular localization Endoplasmic reticulum lumen.

Images



15% SDS-PAGE analysis of 3µg ab99328.

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

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