

Product datasheet

Recombinant human FKBP14 protein ab119146

Overview

Product name	Recombinant human FKBP14 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	Q9NWM8
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MALIPEPEVK IEVLQKPFIC HRKTKGGDLM LVHYEGYLEK DGSLFHSTHK HNNGQPIWFT LGILEALKGW DQGLKGMCVG EKRKLIIPPA LGYGKEGK GK IPPESTLIFN IDLLEIRNGP RSHESFQEMD LNDDWKLSKD EVKAYLKKEF EKHGAVVNES HHDALVEDIF DKEDEDKDG F ISAREFTYKH DEL
Molecular weight	24 kDa including tags
Amino acids	20 to 211
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab119146** in the following tested applications.

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

Biological activity	Specific activity is > 80 nmoles/min/ug, and is defined as the amount of enzyme that cleaves 1 μmole of suc-AAFP-pNA per minute at 1C in Tris-HCl pH8.0 using chymotrypsin.
Applications	SDS-PAGE
Purity	> 90 % SDS-PAGE. ab119146 was purified by proprietary chromatographic techniques.
Form	Liquid
Additional notes	ab119146 should be stored desiccated.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

pH: 7.40

Constituents: 10% Glycerol, 89% PBS

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 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 PPlase FKBP-type domain.

Cellular localization

Endoplasmic reticulum lumen.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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