

## Product datasheet

# Recombinant human FKBP6 protein ab123536

### Overview

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<b>Product name</b>	Recombinant human FKBP6 protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

### Amino Acid Sequence

<b>Accession</b>	<a href="#">O75344</a>
<b>Species</b>	Human
<b>Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MGGSALNQG            LEGDDAPGQS LYERLSQRML DISGDRGVLK            DVIREGAGDL VAPDASVLVK YSGYLEHMDR            PFDSNYFRKT PRLMKLGEDI TLWGMELGLL            SMRRGELARF LFKPNYAYGT LGCPPLIPPN            TTVLFEIELL DFLDCAESDK FCALSAEQQD            QFPLQKVLKV AATEREFGNYLFRQNRFYDA            KVRYSKRALLL LRRRSAPPEE QHLVEAAKLP            VLLNLSFTYL KLDRTIALC YGEQALIIDQ            KNAKALFRCG QACLLLTEYQ KARDFLVRAQ            KEQPFNHDIN NELKKLASCY RDYVDKEKEM            WHRMFAPCGD GSTAGES.</p>

<b>Molecular weight</b>	39 kDa including tags
<b>Amino acids</b>	1 to 327
<b>Tags</b>	His tag N-Terminus

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab123536** in the following tested applications.

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

<b>Biological activity</b>	Specific activity is > 50 nmoles/min/ug, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-pNA per minute at 1C in Tris-Hcl pH8.0 using chymotrypsin.
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<b>Applications</b>	Functional Studies
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	SDS-PAGE
<b>Purity</b>	> 95 % SDS-PAGE. ab123536 was purified by standard chromatography and filter sterilized.
<b>Form</b>	Liquid
<b>Additional notes</b>	Please prevent freeze thaw cycles.

## Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C. Store under desiccating conditions. pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 0.03% EDTA, 40% Glycerol, 0.29% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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## General Info

<b>Function</b>	PPlases accelerate the folding of proteins.
<b>Tissue specificity</b>	Detected in all tissues examined, with higher expression in testis, heart, skeletal muscle, liver, and kidney.
<b>Involvement in disease</b>	Note=FKBP6 is located in the Williams-Beuren syndrome (WBS) critical region. WBS results from a hemizygous deletion of several genes on chromosome 7q11.23, thought to arise as a consequence of unequal crossing over between highly homologous low-copy repeat sequences flanking the deleted region. Haploinsufficiency of FKBP6 may be the cause of certain cardiovascular and musculo-skeletal abnormalities observed in the disease.
<b>Sequence similarities</b>	Contains 1 PPlase FKBP-type domain. Contains 3 TPR repeats.

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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