

Product datasheet

Recombinant Human Cyclophilin B protein ab88801

1 Image

Description

Product name	Recombinant Human Cyclophilin B protein
Purity	> 90 % SDS-PAGE. ab88801 was purified by affinity chromatography.
Expression system	Saccharomyces cerevisiae
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MLRLSERNMKVLLAAALIAGSVFFLLPGPSAADEKKKGP KVTVKVYFDL RIGDEDVGRVIFGLFGKTVPKTVDNFVALATGEKGFGYKN SKFHRVIK DFM IQGGDFTRGDGTGGKSIYGERFPDENFKLKHYGPWVSM ANAGKD TNGS QFFITTVKTAWLDGKHVVFGKVLEGMEVVRKVESTKTDS RDKPL KDVI A DCGKIEVEKPFAIAKE

Specifications

Our [Abpromise guarantee](#) covers the use of **ab88801** in the following tested applications.

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

Applications	Western blot SDS-PAGE
Form	Liquid

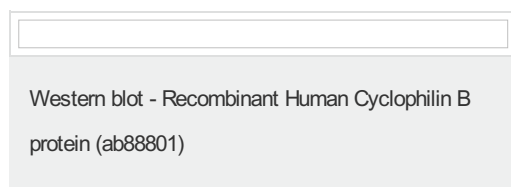
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
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General Info

Function	PPases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
Involvement in disease	Defects in PPIB are the cause of osteogenesis imperfecta type 9 (OI9) [MIM:259440]. OI9 is a connective tissue disorder characterized by bone fragility, low bone mass and bowing of limbs due to multiple fractures. Short limb dwarfism and blue sclerae are observed in some but not all patients.
Sequence similarities	Belongs to the cyclophilin-type PPase family. PPase B subfamily. Contains 1 PPase cyclophilin-type domain.
Cellular localization	Endoplasmic reticulum lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



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