

Product datasheet

Recombinant Human AP1S1 protein ab116806

1 Image

Overview

---

**Product name** Recombinant Human AP1S1 protein  
**Protein length** Full length protein

Description

---

**Nature** Recombinant  
**Source** Wheat germ

Amino Acid Sequence

**Accession** [P61966-2](#)  
**Species** Human  
**Sequence** MMRFMLLFSRQGKLRRLRKWYLATSDKERKKMVRELMQVVLARKPKMCSFL  
 EWRDLKVVYKRYASLYFCCAIEGQDNELITLLELIHRYVELLDKYFGSVCE  
 LDIIIFNEKAYFILDEFMGGDVQDTSTFPFSH  
**Molecular weight** 41 kDa including tags  
**Amino acids** 1 to 133

Specifications

---

Our [Abpromise guarantee](#) covers the use of **ab116806** 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  
 ELISA  
 SDS-PAGE

**Form** Liquid

**Additional notes** Protein concentration is above or equal to 0.05 mg/ml.  
 This protein is best used within three months from the date of receipt.

Preparation and Storage

---

**Stability and Storage** Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.79% Tris HCl, 0.3% Glutathione

## General Info

<b>Function</b>	Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.
<b>Tissue specificity</b>	Widely expressed.
<b>Sequence similarities</b>	Belongs to the adaptor complexes small subunit family.
<b>Cellular localization</b>	Golgi apparatus. Cytoplasmic vesicle membrane. Membrane > clathrin-coated pit. Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex.

## Images



12.5% SDS-PAGE showing ab116806 at approximately 40.74kDa.  
Stained with Coomassie Blue.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors