



# Recombinant Human AP-1 complex subunit sigma-1A (AP1S1)

<b>Product Code</b>	CSB-YP001866HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P61966
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MMRFMLLFSR QGKLRQLQKWY LATSDKERKK MVRELMQVVL ARKPKMCSFL EWRDLKVVYK RYASLYFCCA IEGQDNELIT LELIHRYVEL LDKYFGSVCE LDIIFNFEKA YFILDEFMGM GDVQDTSKKS VLKAIQADL LQEEDESPRS VLEEMGLA
<b>Source</b>	Yeast
<b>Target Names</b>	AP1S1
<b>Protein Names</b>	Recommended name: AP-1 complex subunit sigma-1A Alternative name(s): Adapter-related protein complex 1 sigma-1A subunit Adaptor protein complex AP-1 sigma-1A subunit Clathrin assembly protein complex 1 sigma-1A small chain Clathrin coa
<b>Expression Region</b>	1-158
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein is part of the clathrin coat assembly complex which links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. This protein, as well as beta-prime-adaptin, gamma-adaptin, and the medium (mu) chain AP47, form the AP-1 assembly protein complex located at the Golgi vesicle.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.