



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

Product Code	CSB-EP001866HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P61966
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MMRFMLLFSR QGKLRQLQKWY LATSDKERKK MVRELMQVVL ARKPKMCSFL EWRDLKVVYK RYASLYFCCA IEGQDNELIT LELIHRYVEL LDKYFGSVCE LDIIFNFEKA YFILDEFIMG GDVQDTSKKS VLKAIQADL LQEEDESPRS VLEEMGLA
Source	E.coli
Target Names	AP1S1
Protein Names	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
Expression Region	1-158
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.