Recombinant Human AP-1 complex subunit sigma-2 (AP1S2)

Product Code	CSB-BP001867HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P56377
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MQFMLLFSRQ GKLRLQKWYV PLSDKEKKKI TRELVQTVLA RKPKMCSFLE WRDLKIVYKR YASLYFCCAI EDQDNELITL EIIHRYVELL DKYFGSVCEL DIIFNFEKAY FILDEFLLGG EVQETSKKNV LKAIEQADLL QEEAETPRSV LEEIGLT
Source	Baculovirus
Target Names	AP1S2
Protein Names	Recommended name: AP-1 complex subunit sigma-2 Alternative name(s): Adapter-related protein complex 1 sigma-1B subunit Adaptor protein complex AP-1 sigma-1B subunit Clathrin assembly protein complex 1 sigma-1B small chain Golgi adaptor
Expression Region	1-157
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	Adaptor protein complex 1 is found at the cytoplasmic face of coated vesicles located at the Golgi complex, where it mediates both the recruitment of clathrin to the membrane and the recognition of sorting signals within the cytosolic tails of transmembrane receptors. This complex is a heterotetramer composed of two large, one medium, and one small adaptin subunit. This protein serves as the small subunit of this complex and is a member of the adaptin protein family. Transcript variants utilizing alternative polyadenylation signals exist for this gene.
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.