



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

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| Product Code | CSB-YP001867HU |
| 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 PLSDKKTKKI TRELVQTVLA RPKMCSFLE WRDLKIVYKR YASLYFCCAI EDQDNELITL EIIHRYVELL DKYFGSVCEL DIIFNFEKAY FILDEFLLGG EVQETSCKNV LKAIEQADLL QEEAETPRSV LEEIGLT |
| Source | Yeast |
| 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.