Recombinant Human Regulatory factor X-associated protein (RFXAP)

Product Code	CSB-EP019618HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O00287
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MEAQGVAEGA GPGAASGVPH PAALAPAAAP TLAPASVAAA ASQFTLLVMQ PCAGQDEAAA PGGSVGAGKP VRYLCEGAGD GEEEAGEDEA DLLDTSDPPG GGESAASLED LEDEETHSGG EGSSGGARRR GSGGGSMSKT CTYEGCSETT SQVAKQRKPW MCKKHRNKMY KDKYKKKKSD QALNCGGTAS TGSAGNVKLE ESADNILSIV KQRTGSFGDR PARPTLLEQV LNQKRLSLLR SPEVVQFLQK QQQLLNQQVL EQRQQQFPGT SM
Source	E.coli
Target Names	RFXAP
Protein Names	Recommended name: Regulatory factor X-associated protein Short name= RFX-associated protein Alternative name(s): RFX DNA-binding complex 36 kDa subunit
Expression Region	1-272
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	Major histocompatibility (MHC) class II molecules are transmembrane proteins that have a central role in development and control of the immune system. This protein, along with regulatory factor X-associated ankyrin-containing protein and regulatory factor-5, forms a complex that binds to the X box motif of certain MHC class II gene promoters and activates their transcription. Once bound to the promoter, this complex associates with the non-DNA-binding factor MHC class II transactivator, which controls the cell type specificity and inducibility of MHC class II gene expression. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group D. Transcript variants utilizing different polyA signals have been found 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.