Recombinant Human ATP synthase mitochondrial F1 complex assembly factor 2 (ATPAF2)

Product Code	CSB-YP002425HU
Abbreviation	ATPAF2
Storage	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.
Uniprot No.	Q8N5M1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	APPTERKRFY QNVSITQGEG GFEINLDHRK LKTPQAKLFT VPSEALAIAV ATEWDSQQDT IKYYTMHLTT LCNTSLDNPT QRNKDQLIRA AVKFLDTDTI CYRVEEPETL VELQRNEWDP IIEWAEKRYG VEISSSTSIM GPSIPAKTRE VLVSHLASYN TWALQGIEFV AAQLKSMVLT LGLIDLRLTV EQAVLLSRLE EEYQIQKWGN IEWAHDYELQ ELRARTAAGT LFIHLCSEST TVKHKLLKE
Source	Yeast
Target Names	ATPAF2
Protein Names	Recommended name: ATP synthase mitochondrial F1 complex assembly factor 2 Alternative name(s): ATP12 homolog
Expression Region	41-289
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 of Mature Protein
Target Details	This gene encodes an assembly factor for the F(1) component of the mitochondrial ATP synthase. This protein binds specifically to the F1 alpha subunit and is thought to prevent this subunit from forming nonproductive homooligomers during enzyme assembly. This gene is located within the Smith-Magenis syndrome region on chromosome 17. An alternatively spliced transcript variant has been described, but its biological validity has not been determined.
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.