Coupling Factor 6 Recombinant Protein | CF6 recombinant protein

Recombinant Coupling Factor 6 (CF6)

CATALOG #	HOST	APPLICATIONS
AAA144024	**Host: E ColiSource: Prokaryotic expression**	**Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

Coupling Factor 6; Recombinant Coupling Factor 6 (CF6); CF6 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MTVQRIFR LSSVLRSAVS VHLRRNIGVT AVAFNKELDP VQKLFLDKIR EYKAKRLASG GPVDTGPEYQ QEVDRELFKL KQMYGKGEMD KFPTFNFEDP KFEVLDKPQS
Sequence Length	108
Applicable Applications for CF6 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	16.2kDa
Accurate Molecular Mass (KD)	16kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Met1~Ser108
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	183786
NCBI GeneID	522
Molecular Weight	13,388 Da
NCBI Official Full Name	coupling factor 6
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit F6
NCBI Official Symbol	ATP5J
NCBI Official Synonym Symbols	F6; CF6; ATP5; ATPM; ATP5A
NCBI Protein Information	ATP synthase-coupling factor 6, mitochondrial
UniProt Protein Name	ATP synthase-coupling factor 6, mitochondrial
UniProt Gene Name	**ATP5J**
UniProt Synonym Gene Names	ATP5A; ATPM; ATPase subunit F6
UniProt Entry Name	ATP5J_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/atp5j-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144024