Recombinant Human Acyl-coenzyme A thioesterase 8 (ACOT8)

Product Code	CSB-YP001170HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14734
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSSPQAPEDG QGCGDRGDPP GDLRSVLVTT VLNLEPLDED LFRGRHYWVP AKRLFGGQIV GQALVAAAKS VSEDVHVHSL HCYFVRAGDP KLPVLYQVER TRTGSSFSVR SVKAVQHGKP IFICQASFQQ AQPSPMQHQF SMPTVPPPEE LLDCETLIDQ YLRDPNLQKR YPLALNRIAA QEVPIEIKPV NPSPLSQLQR MEPKQMFWVR ARGYIGEGDM KMHCCVAAYI SDYAFLGTAL LPHQWQHKVH FMVSLDHSMW FHAPFRADHW MLYECESPWA GGSRGLVHGR LWRQDGVLAV TCAQEGVIRV KPQVSESKL
Source	Yeast
Target Names	ACOT8
Protein Names	Recommended name: Acyl-coenzyme A thioesterase 8 EC= 3.1.2.27 Alternative name(s): Acyl-CoA thioesterase 8 Choloyl-coenzyme A thioesterase HIV-Nef-associated acyl-CoA thioesterase PTE-2 Peroxisomal acyl-coenzyme A thioester
Expression Region	1-319
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	This protein is a peroxisomal thioesterase that appears to be involved more in the oxidation of fatty acids rather than in their formation. The encoded protein can bind to the human immunodeficiency virus-1 protein Nef, and mediate Nef-induced down-regulation of CD4 in T-cells. Multiple transcript variants encoding several different isoforms 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.