

## Product datasheet for **TP761280**

### Acyl coenzyme A Thioesterase 8 (ACOT8) (NM\_005469) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human acyl-CoA thioesterase 8 (ACOT8), full length, with N-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length ACOT8
Tag:	N-His
Predicted MW:	35.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_005460</a>
Locus ID:	10005
UniProt ID:	<a href="#">O14734</a>
RefSeq Size:	1188
Cytogenetics:	20q13.12
RefSeq ORF:	957
Synonyms:	hACTE-III; HNAACTE; hTE; NAP1; PTE-1; PTE-2; PTE1; PTE2



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**Summary:**

The protein encoded by this gene 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. [provided by RefSeq, Oct 2010]

**Product images:**