

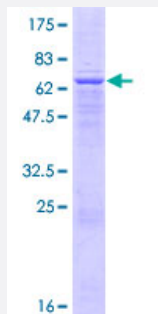
Full-Length

AACS (Human) Recombinant Protein (P01)

Catalog # H00065985-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human AACS full-length ORF (AAH41000.1, 1 a.a. - 410 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVCWTGFLKFSQKLIFSVEAVVYNGKEHNHMEKLQQVVKGLPDLKKVVVIPYVSSRENIDLSKIPN
SVFLDDFLATGTSEQAPQLEFEQLPFSHPLFIMFSSGTTGAPKCMVHSAGGTLIQHLKEHLLHGN
MTSSDILLCYTTVGWMMWNWVSLLATGAAMVLYDGSPLVPTPNVLWDLVDRIGITVLVTGAKW
LSVLEEEAMKPVETHSLQMLHTILSTGSPLKAQSYEYVYRCIKSSILLGSISGGTDIISCFMGHNFSL
PVYKGEIQARNLGMAVEAWNEEGKAVWGESGELVCTKPIPCQPTHFWNDENGKRYKAYFSKF
PGIAHGDYCRINPKTGGVMLGRSDGTLNPNVGRFSGSEIYNIVYAQRQESGSCRQTDHRWKS
GARRCFLEPRDPGSVPGHP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72

Interspecies Antigen Sequence

Mouse (89); Rat (88)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AACS

Entrez GeneID	65985
GeneBank Accession#	BC041000.1
Protein Accession#	AAH41000.1
Gene Name	AACS
Gene Alias	ACSF1, FLJ12389, FLJ41251, SUR-5
Gene Description	acetoacetyl-CoA synthetase
Gene Ontology	Hyperlink
Other Designations	acetoacetate-CoA ligase acyl-CoA synthetase family member 1 homolog of C. elegans supressor of ras 5 (sur-5)

Pathway

- [Butanoate metabolism](#)