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Datasheet

HLCS (Human) Recombinant Protein (Q01)

carboxylase (ACACA; MIM 200350).[supplied by OMIM]

Catalog Number: H00003141-Q01**Regulation Status:** For research use only (RUO)**Product Description:** Human HLCS partial ORF (NP_000402, 627 a.a. - 724 a.a.) recombinant protein with GST-tag at N-terminal.**Sequence:**ELKPLRADYLIARVVTVLEKLIKEFQDKGPN SVLPLYR
YVHSGQQVHLGSAEGPKVSIVGLDDSGFLQVHQEG
GEVVTVHPDGNSFDMLRN LILPK**Host:** Wheat Germ (in vitro)**Theoretical MW (kDa):** 36.52**Applications:** AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)**Protocols:** See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols**Preparation Method:** [in vitro wheat germ expression system](#)**Purification:** Glutathione Sepharose 4 Fast Flow**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.**Entrez GeneID:** 3141**Gene Symbol:** HLCS**Gene Alias:** HCS**Gene Summary:** Holocarboxylase synthetase (EC 6.3.4.10) covalently links biotin to propionyl-CoA carboxylase (PCCA; MIM 232000), pyruvate carboxylase (PC; MIM 608786), alpha-methylcrotonyl-CoA carboxylase (MCCC1; MIM 609010), and acetyl-CoA