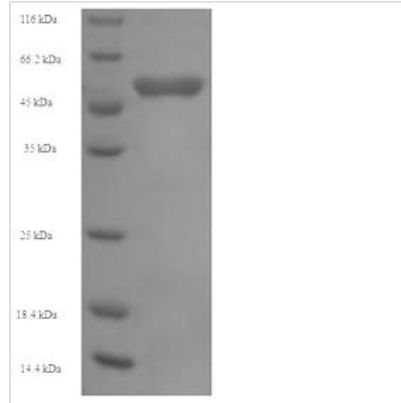




Recombinant Human Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial(OXCT1)

| | |
|----------------------------|---|
| Product Code | CSB-EP017306HU |
| Relevance | Key enzyme for ketone body catabolism. Transfers the CoA moiety from succinate to acetoacetate. Formation of the enzyme-CoA intermediate proceeds via an unstable anhydride species formed between the carboxylate groups of the enzyme and substrate. |
| Storage | 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. |
| Uniprot No. | P55809 |
| Storage Buffer | Tris-based buffer,50% glycerol |
| Alias | 3-oxoacid CoA-transferase 1 Somatic-type succinyl-CoA:3-oxoacid CoA-transferase ;SCOT-s |
| Product Type | Recombinant Protein |
| Species | Homo sapiens (Human) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | TKFYTDPVEAVKIDIPDGATVLVGGFGLCGIPENLIDALLKTGVKGLTAVSNNAG VDNFGLGLLLRSKQIKRMVSSYVGENAEFERQYLSGELEVELTPQGTLAERIR AGGAGVPAFYTPTGYGTLVQEGGSPIKYNKDGSVAIASKPREVREFNGQHFIL EEAITGDFALVKAWKADRAGNVIFRKSARNFNLPCKAAETTVVEVEEIVDIGA FAPEDIHIPQIYVHRLIKGEKEYEKRIERLSIRKEGDGEAKSAKPGDDVRERIIKRA ALEFEDGMYANLGIGIPLLASNFI SPNITVHLQSENGVLGLGPYPRQHEADADLI NAGKETVTILPGASFFSSDES FAMIRGGHVDLTMLGAMQVSKYGD LANWMIP GKMVKGMGGAMD LVSSAKTKVVVTMEHSAKGN AHKIMEKCT LPLTGKQCVN RIITEKAVFDV DKKKGLTLIELWEGLTVDDVQKSTG CDFAVSPKLM PMQQIAN |
| Research Area | Cancer |
| Source | E.coli |
| Gene Names | OXCT1 |
| Expression Region | 40-520aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-tagged |
| Mol. Weight | 56.1kDa |
| Protein Description | Full Length of Mature Protein |
| Image | |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.