



# Recombinant Human Ceramide kinase (CERK)

<b>Product Code</b>	CSB-EP005256HU
<b>Abbreviation</b>	CERK
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8TCT0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGATGAAEPL QSVLWVKQQR CAVSLEPARA LLRWWRSPGP GAGAPGADAC SVPVSEIIAV EETDVHGKHQ GSGKWQKMEK PYAFTVHCVK RARRHRWKWA QVTFWCPEEQ LCHLWLQTLR EMLEKLTSRP KHLLVFINPF GGKGGQKRIY ERKVAPLFTL ASITTDIIVT EHANQAKETL YEINIDKYDG IVCVGGDGMF SEVLHGLIGR TQRSAGVDQN HPRAVLVPSS LRIGIIPAGS TDCVCYSTVG TSDAETSALH IVVGDSLAMD VSSVHHNSTL LRYSVSLLGY GFYGDIIKDS EKRWLGLAR YDFSGLKTF LSHHCYEGTVS FLPAQHTVGS PRDRKPCRAG CFVCRQSKQQ LEEEQKKALY GLEAAEDVEE WQVVCGKFLA INATNMSCAC RRSRGLSPA AHLGDGSSDL ILIRKCSR FN FLRFLIRHTN QQDQDFTFV EVYRVKKFQF TSKHMEDEDS DLKEGGKKRF GHICSSHPSC CCTVSNSSWN CDGEVLHSPA IEVRVHCQLV RLFARGIEEN PKPDSHS
<b>Source</b>	E.coli
<b>Target Names</b>	CERK
<b>Protein Names</b>	Recommended name: Ceramide kinase Short name= hCERK EC= 2.7.1.138 Alternative name(s): Acylsphingosine kinase Lipid kinase 4 Short name= LK4
<b>Expression Region</b>	1-537
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.