

Recombinant Full Length Mouse Ceramide Synthase 5(Cers5) Protein, His-Tagged

Cat. No. RFL16061MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Ceramide synthase 5(Cers5) Protein (Q9D6K9) (1-414aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-414)
Form	Lyophilized powder
AA Sequence	MATAAAETLGLLWGWLWSEFWLPQNVSWADLEGPGDGYGYPR AQHVLSVFPLA VCIFSV RMLFERFIAKPCALRVGIKDSPVNKVEPN DTLEKVFSVTKY PDEKRLKGLS KQLDWSVR KIQCWFRHRRNQDKPPTLT KFCESMWRFTYYLCIFCYGIRFLWSMPW FWDTRQCWYNYPY QPLSRELYYYYITQLAFYW SLMFSQFIDVKRKDFLMMFIHHMI GIMLTTF SYVNNMVRVG ALIFCLHDFADPLLEAAKMANYARRERLCTTLFVIFGA AFI VSRLAIFPLWILNTTLFES WEIIGPYPSWWLFNALLLILQVLHAIWSYLIVQTASKALSR GKVS KDDRSDVESSEED ETTHKNNLSGSSSSNGANCMNGYMGGSHLAE EQGT CKATGNLHFRASPHLHSCD
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	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.
GENE INFORMATION	
Gene Name	Cers5
Synonyms	Cers5; Lass5; Trh4; Ceramide synthase 5; CerS5; LAG1 longevity assurance homolog 5; Sphingoid base N-palmitoyltransferase CERS5; Sphingosine N-acyltransferase CERS5; Translocating chain-associating membrane protein homolog 4; TRAM homolog 4
UniProt ID	Q9D6K9