Recombinant Full Length Human Ceramide Synthase 3(Cers3) Protein, His-Tagged

Cat. No. RFL35697HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Ceramide synthase 3(CERS3) Protein (Q8IU89) (1-383aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-383)
Form	Lyophilized powder
AA Sequence	MFWTFKEWFWLERFWLPPTIKWSDLEDHDGLVFVKPSHLYVTIPYAFLLLIIRRVFEK FV ASPLAKSFGIKETVRKVTPNTVLENFFKHSTRQPLQTDIYGLAKKCNLTERQVER WFRSR RNQERPSRLKKFQEACWRFAFYLMITVAGIAFLYDKPWLYDLWEVWNGYP KQPLLPSQYW YYILEMSFYWSLLFRLGFDVKRKDFLAHIIHHLAAISLMSFSWCANYI RSGTLVMIVHDV ADIWLESAKMFSYAGWTQTCNTLFFIFSTIFFISRLIVFPFWILYCT LILPMYHLEPFFS YIFLNLQLMILQVLHLYWGYYILKMLNRCIFMKSIQDVRSDDEDYE EEEEEEEEEATKGK EMDCLKNGLRAERHLIPNGQHGH
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.

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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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	CERS3
Synonyms	CERS3; LASS3; Ceramide synthase 3; CerS3; Dihydroceramide synthase 3; LAG1 longevity assurance homolog 3; Sphingosine N-acyltransferase CERS3; Ultra-long-chain ceramide synthase CERS3; Very-long-chain ceramide synthase CERS3
UniProt ID	Q8IU89

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