

Recombinant Human CERS4 protein, His-tagged

Cat. No. CERS4-5744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CERS4 protein(315-394 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	315-394 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	LHVFWSCLILRMLYSFMKKGQMEKDIRSDVEESDSSEEVAAAQEPLQLKNGAAGGPPAPTDGPQSRVAGRLTNRHTTAT
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

 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

μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

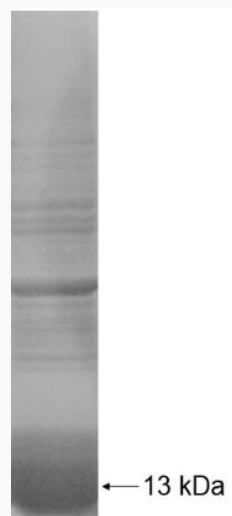
GENE INFORMATION

Gene Name	CERS4 ceramide synthase 4 [Homo sapiens]
Official Symbol	CERS4
Synonyms	CERS4; ceramide synthase 4; LAG1 homolog, ceramide synthase 4 , LAG1 longevity assurance homolog 4 (S. cerevisiae) , LASS4; FLJ12089; Trh1; LAG1 homolog, ceramide synthase 4; LAG1 longevity assurance homolog 4; LASS4;
Gene ID	79603
mRNA Refseq	NM_024552
Protein Refseq	NP_078828
UniProt ID	Q9HA82

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

SDS-PAGE

 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