

Recombinant Human CEMP1 protein, His-tagged

Cat. No. CEMP1-1683H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CEMP1 protein (Met1-Gly247), fused to His-tag at the N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gly247
Description	May play a role in development of the periodontium which surrounds and supports the teeth by promoting the differentiation of multi-potent cells from the periodontal ligament into cementoblasts to form the cementum. Binds hydroxyapatite and may promote the biomineralization of the cementum.
Form	Freeze-dried powder. 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	Predicted Molecular Mass: 29.7 kDa; Accurate Molecular Mass: 32 kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

 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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

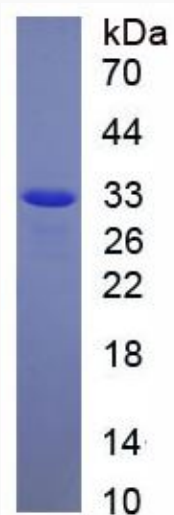
Gene Name	CEMP1
Official Symbol	CEMP1
Synonyms	CP23; CP-23
Gene ID	752014
mRNA Refseq	NM_001048212.3
Protein Refseq	NP_001041677.1
MIM	611113
UniProt ID	Q6PRD7

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SDS-PAGE of
CEMP1-1683H



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