

Recombinant human OST with a fusion protein

Description

Product name	Recombinant human OST with a fusion protein
Catalog#	ABT-9114
Known as	Bone Gla protein; Gamma-carboxyglutamic acid-containing protein; Osteocalcin
Expression system	E.coli
Tags	His tag C-terminus

Specifications

SDS-PAGE	35.9 kDa, reducing conditions
Purity	>95% SDS-PAGE
Form	Lyophilized powder

Stability and Storage

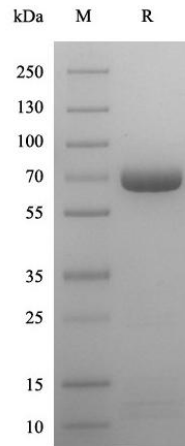
Storage	Store at -20 ~ -80°C, avoid repeated freeze/ thaw cycle
Stability	Store at -20°C for 12 months, or reconstitute for 3 months.
Constituents	Lyophilized from 0.22 µm filtered solution in Tris-HCl with 0.2M NaCl, pH8.

General information

Function	Constitutes 1-2% of the total bone protein. It binds strongly to apatite and calcium. OST is a 49 amino acid protein that belongs to the non-collagenous acidic proteins; mainly constitutes the body's osteocytes, odontoblasts, proliferating chondrocytes, and plays a role in the regulation of bone calcium metabolism and is a novel biochemical marker for the study of bone metabolism.
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Images

For research use only.



Human OST with a fusion protein on SDS-PAGE under reducing condition(R). The gel was visualized by Coomassie® Blue Staining. The purity of the protein is greater than 95%.

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