Recombinant human CSAG1 protein

Catalog Number: ATGP2644

PRODUCT INFORMATION

Expression system
E.coli

Domain
20-78aa

UniProt No.
Q6PB30

NCBI Accession No.
NP_001096046

Alternative Names
Putative chondrosarcoma-associated gene 1 protein, CSAGE, CT24.1

PRODUCT SPECIFICATION

Molecular Weight
9.1 kDa (82aa) confirmed by MALDI-TOF

Concentration
0.25mg/ml (determined by absorbance at 280nm)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
CSAG1 is a member of a family of tumor antigens. The protein is expressed in chondrosarcomas, but may also be expressed in normal tissues such as testis. Alternative splicing of this gene results in two transcript variants encoding the same protein. Recombinant human CSAG1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence
<MGSSHHHHHH SSGLVPRGSH MGS>DQVDWSR LYRDTGLVKM SRKPRASSPF SNNHPSTPKR FPRQPKREKG

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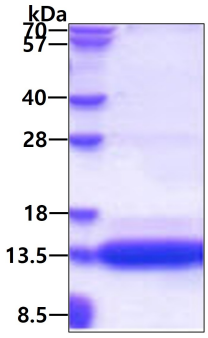
PVKEVPGTKG SP

General References

Lin C, Mak S, et al. (2002). Gene. 285(1-2):269-78.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.