

## CSAG1 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P76849
Synonyms:	Putative chondrosarcoma-associated gene 1 protein; CT24.1; Cancer/testis antigen CSAGE; CSAGE
Species:	Human
Source:	HEK293
Accession:	Q6PB30 (D20-P78)
Gene ID:	158511
Molecular Weight:	Approximately 37 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	CSAG1 Protein emerges as a potential key player, suggesting its crucial role in maintaining centrosome integrity during mitosis. The specific mechanisms and molecular interactions through which CSAG1 contributes to the intricate processes associated with centrosome stability remain to be fully elucidated. Its putative involvement underscores its significance in cellular events related to mitosis, indicating a potential impact on the proper segregation of chromosomes and overall cell division. Further research is essential to unravel the precise details of CSAG1's function and its implications in ensuring the integrity and functionality of centrosomes during the dynamic process of mitosis.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA