

Recombinant Human Cystatin F/CST7 Protein(C-6His)

Cat.NO.: TP05841

3th Edition

Synonyms:Cystatin-F; Cystatin-7; Cystatin-Like Metastasis-Associated Protein; CMAP; Leukocystatin; CST7

Description:CST7 is a secreted protein and primarily expressed in peripheral blood cells and spleen.It is belongs to the cystatin family. The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kinogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. This gene encodes a glycosylated cysteine protease inhibitor with a putative role in immune regulation through inhibition of a unique target in the hematopoietic system.

Form:PBS

Molecular Weight:15.6 kDa

Sequences:Gly20-His145

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.