

Recombinant human Cystatin-B protein

Catalog No: #AP71655



Package Size: #AP71655-1 20ug #AP71655-2 100ug #AP71655-3 1mg

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Description

Product Name	Recombinant human Cystatin-B protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-98aaSequence Info:Full Length
Other Names	CPI-BLiver thiol proteinase inhibitorStefin-B
Accession No.	P04080
Uniprot	P04080
GeneID	1476;
Calculated MW	38.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MMCGAPSATQPATAETQHIADQVRSQLEEKENKKFPVFKAVSFKSQVVAGTNYFIKVVHVGDEDFVHLRVFQS LPHENKPLTLSNYQTNKAKHDELTYF
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

This is an intracellular thiol proteinase inhibitor. Tightly binding reversible inhibitor of cathepsins L, H and B.

References

Amino acid sequence of the intracellular cysteine proteinase inhibitor cystatin B from human liver.Ritonja A., Machleidt W., Barrett A.J.Biochem. Biophys. Res. Commun. 131:1187-1192(1985)Research Topic:Cell Biology

Note: This product is for in vitro research use only