

## CTSS

## Native Human Spleen Cathepsin S

<b>Catalog No.</b>	CS218A CS218B	<b>Quantity:</b>	25 µg 100 µg
<b>Description:</b>	Like Cathepsins B, H, and L, Cathepsin S belongs to the group of lysosomal cysteine proteases. Cathepsin S is found primarily in the spleen and in lung macrophages. Its level is elevated in the brain tissue of those with Alzheimer's disease and Down syndrome. Cathepsin S may function in the processing of amyloid precursor protein to amyloid beta peptides.		
<b>UniProt ID:</b>	P25774		
<b>Gene ID:</b>	1520		
<b>Source:</b>	Human spleen		
<b>Molecular Weight:</b>	24 kDa		
<b>Formulation:</b>	Lyophilized from 0.1M Sodium Acetate, 1mM EDTA, pH 5.5		
<b>Purity:</b>	>95% by SDS-PAGE analysis		
<b>Reconstitution:</b>	<b>Centrifuge vial briefly to consolidate product.</b> Reconstitute with deionized water to a concentration of 0.1-1.0 mg/ml.		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	Prepared from tissue shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)