Elabscience®

Recombinant Mouse Cathepsin B/CTSB Protein (His Tag)

Catalog No. PKSM040956

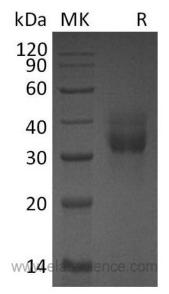
Description	
Synonyms	Cathepsin B;Ctsb;Cathepsin B1
Species	Mouse
Expression_host	HEK293 Cells
Sequence	His18-Phe339
Accession	P10605
Mol_Mass	36.4 kDa
AP_Mol_Mass	32-50kDa
Tag	C-6His
Bio_activity	Testing in progress
Properties	
Purity	>95 % as determined by reducing SDS-PAGE.
Endotoxin	<1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Reconstitution	Please refer to the printed manual for detailed information.

Background

Cathepsin B (CatB) is an enzymatic protein belonging to the peptidase (or protease) families. It is the first described member of the family of lysosomal cysteine proteases. It is known to process a number of proteins, including pro and active caspases, prorenin and secretory leucoprotease inhibitor (SLPI). It is believed to participate in intracellular degradation and turnover of proteins. Cathepsin B may play a role in activation and inactivation of caspases, activation of renin and inactivation of SLPI, the key steps in apoptosis, angiotensin production, and progression of emphysema, respectively. Cathepsin B may also have a role in invasion and metastasis.

Elabscience[®] SDS-PAGE

Tel:240-252-7368(USA) Fax:240-252-7376(USA) www.elabscience.com E-mail:techsupport@elabscience.com Elabscience Biotechnology Inc.



For Research Use Only Thank you for your recent purchase. If you would like to learn more about proteins,please visit www.elabscience.com. Focus on your research Service for life science