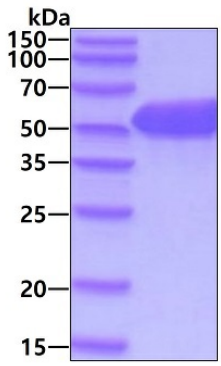
Bioactive HuPro®

Ctsc (Mouse) Recombinant Protein

Catalog # P7920 Size 50 ug

Applications



SDS-PAGE analysis of Ctsc (Mouse) Recombinant Protein.

Specification

Product Description	Mouse Ctsc (P97821, 25 a.a. - 462 a.a.) partial recombinant protein with His tag expressed in HEK293 cells.
Sequence	DTPANCTYPDLLGTWVFQVGPRSSRSDINCSVMEATEEKVVVHLKKLDTAYDELGNSGHFTLIYN QGFEIVLNDYKWFAFFKYEVRGHTAISYCHETMTGWVHDVLGRNWACFVGKKVESHIEKVNMNA AHLGGLQERYSERLYTHNHNFVKAINTVQKSWTATAYKEYEKMSLRDLIRRSGHSQRIPRPKPAPM TDEIQQQILNLPESWDWRNVQGVNYVSPVRNQESCGSCYSFASMGMLEARIRILTNNSQTPILSPQ EVVSCSPYAQGCDGGFPYLIAGKYAQDFGVVEESCFPYTAKDSPCKPRENCLRYYSSDYYYVGG FYGGCNEALMKLELVKHGPMAVAFEVHDDFLHYHSGIYHHTGLSDPFNPFELTNHAVLLVGYGRD PVTGIEYWIIKNSWGSNWGESGYFRIRRGTDECAIESIAVAAIPIPKL
Host	Human
Theoretical MW (kDa)	50.5
Form	Liquid
Preparation Method	Mammalian cell (HEK 293) expression system
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 1 EU/ug of protein by the LAL method.

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Activity	The specific activity is > 50000 pmol/min/ug, and is defined as the amount of enzyme that hydrolyze 1 pmole of Gly-Arg-AMC per minute at pH 6.0 at 37°C.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of Ctsc (Mouse) Recombinant Protein.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol)
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Ctsc

Entrez GeneID	13032
Protein Accession#	P97821
Gene Name	Ctsc
Gene Alias	AI047818, DPP1, DPPI
Gene Description	cathepsin C
Gene Ontology	Hyperlink
Other Designations	dipeptidylpeptidase 1

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