

RP10225K

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Rapid 26S Proteasome Purification Kit-L

Catalog No.: RP10225K

Sequence Information

Species	Gene ID	Swiss Prot
E. coli		
recombinant		

Tags

Synonyms

Background

The Rapid 26S Proteasome Purification Kit is designed to rapidly purify the endogenous 26S proteasome from cell or tissue extracts within 8 hours according to a published method (reference 1) with modifications. This approach uses the N-terminal ubiquitin-like (Ubl) domain of human RAD23B as an affinity bait, which allows the rapid and gentle isolation of endogenous 26S proteasomes. The bound 26S proteasome is subsequently eluted using the C-terminal two ubiquitin-interacting motifs (UIM) of human S5a

Basic Information

Description

Bio-Activity

Storage

Store at -70°C. This product is stable at $\leq -70^{\circ}\text{C}$ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

Product Information

Source	Purification
E. coli recombinant	Enzyme >95% by SDS-PAGE;
	Substrate > 98% by HPLC and NMR

Endotoxin

Formulation

Enzyme stocked in 20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol;
Substrate stocked in DMSO

Reconstitution

Contact



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