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proteins



MAX-PLANCK-GESELLSCHAFT

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- 26S/30S Proteasome, human -

Mix of 95% 30S / 5% 26S Proteasome

Purity	>95% by SDS-PAGE
Quantity	15 mg/mL in 50 mM BisTris pH 6.5, 50 mM KCl, 10 MgCl ₂ , 10 mM DTT, 7.5 mM ATP, 10 mM β-Glycerophosphate, 0.01% (w/v) LMNG
Source	HeLa cytoplasm
Molecular mass	1.6 Mda (26S proteasome), 2.4 Mda (30S/proteasome)
Maximum resolution achieved	3.8 Angströms (Cryo-EM)
Storage	At +4°C for 4 weeks, at -80°C 12 months
Reference	<i>Haselbach D, Schrader J, Lambrecht F, Henneberg F, Chari A, Stark H.</i> “Long-range allosteric regulation of the human 26S proteasome by 20S proteasome-targeting cancer drugs.” Nat Commun. 2017 May 25;8:15578. doi: 10.1038/ncomms15578.