

Native Human Proteasome 26S Protein, Tag Free

Cat. No. Proteasome 26S-38H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified from human blood cells by fractination. The highest activity, soluble and homogenous. Consists of a high purity mixture of '26S' proteasomes singly (26S) and doubly (30S) capped with 19S regulatory subunit complexes in the ratio of 40 % single cap : 60 % double capped at the time of preparation.
Species	Human
Source	Blood cell
Description	The proteasome is a multisubunit enzyme complex that plays a central role in the regulation of proteins that control cell-cycle progression and apoptosis, and has therefore become an important target for anticancer therapy.
Tag	Non
Applications	A highly purified preparation of '26S' proteasomes, useful for carrying out in vitro protein degradation studies with suitably ubiquitinated protein substrates.
Stability	When ready for use the enzyme should be thawed by standing on ice. If the enzymatic activity of the 26S proteasome is to be measured, it should be used immediately after thawing since the enzyme complex is labile. After dissociation of the 26S complex the 20S proteasome activity is relatively stable.
Storage	At -80 centigrade

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

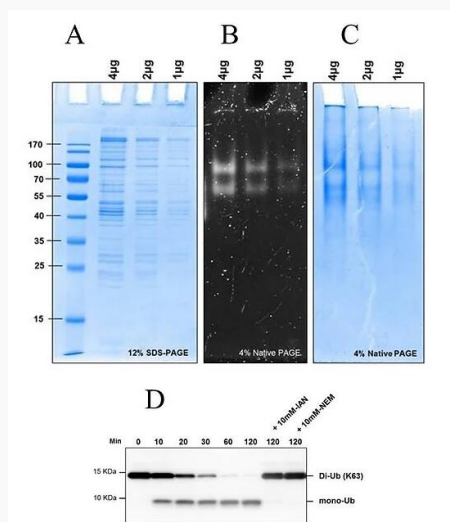
Storage Buffer Suspended in TSD buffer (50µg in 10mM TRIS, containing 25mM potassium chloride, 1.1mM magnesium chloride, 0.1mM ethylenediaminetetraacetic acid, 1mM dithiothreitol, 1mM sodium azide, 2mM ATP, pH 7.0, and 35 % glycerol).

Shipping Dry ice

GENE INFORMATION

Official Symbol Proteasome 26s

Synonyms Proteasome 26S; 26S



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