

Proteasome Inhibitor Subunit 1 Human Recombinant

Item Number	rAP-1627
Synonyms	Proteasome inhibitor PI31 subunit, hPI31, PSMF1, PI31.
Description	PSMF1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 291 amino acids (1-271) and having a molecular mass of 31.9kDa.PSMF1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q92530
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAGLEVL FAS AAPAITCRQD ALVCFLHWEV VTHGYCGLGV GDQPGPNDDK SELLPAGWNN NKDLYVLRYE YKDGSRKLLV KAITVESSMI LNVLEYGSQQ VADLT- LNLDD YIDAEHLGDF HRTYKNSEEL RSRIVSGIIT PIHEQWEKAN VSSPHREFPP ATAREVDPLR IP- PHHPHTSR QPPWCDPLGP FVVGEDLDP FGPRRGGMIV DPLRSGFPRA LIDPSSGLPN RLPPGAV- PPG ARFDPPFGPIG TSPPGPNPDH LPPPGYDDMY L.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PSMF1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 1mM DTT and 0.1mM PMSF. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**