

Proteasome Maturation Protein Recombinant Protein | POMP recombinant protein

Recombinant Proteasome Maturation Protein (POMP)

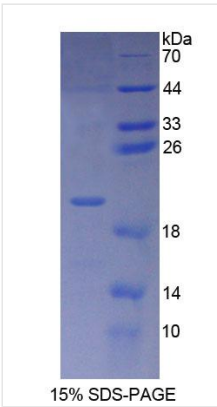
CATALOG # AAA145432	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Proteasome Maturation Protein; Recombinant Proteasome Maturation Protein (POMP); PNAS-110; UMP1; Proteasemblin; Protein UMP1 homolog; Voltage-gated K channel beta subunit 4.1; POMP recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Sequence Positions	Met1~Leu141
Sequence	MNARGLGSEL KDSIPVTELS ASGPFESHDL LRKGFSCVKN ELLPSHPLEL SEKNFQLNQD KMNFSITLRNI QGLFAPLKLQ MEFKAVQQVQ RLPFLSSSNL SLDVLRGND E TIGFEDILND PSQSEVMGEP HLMVEYKLG L L
Applicable Applications for POMP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.0
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705429
NCBI GeneID	51371
NCBI Accession #	NP_057016.1
NCBI GenBank Nucleotide #	NM_015932.5
Molecular Weight	Predicted Molecular Mass: 19.5kDa Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	proteasome maturation protein
NCBI Official Synonym Full Names	proteasome maturation protein
NCBI Official Symbol	POMP
NCBI Official Synonym Symbols	UMP1; HSPC014; C13orf12; PNAS-110
NCBI Protein Information	proteasome maturation protein
UniProt Protein Name	Proteasome maturation protein
UniProt Gene Name	POMP
UniProt Synonym Gene Names	C13orf12; UMP1; hUMP1
UniProt Entry Name	POMP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.