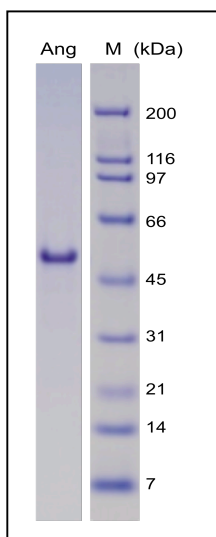


PSMD4(Human Recombinant)

Catalog Number	Size
AG220-10	10µg
AG220-25	25µg
AG220-B	Bulk

Specifications and Use

Description



26S proteasome non-ATPase regulatory subunit 4 (PSMD4 or S5a or angiocidin) is a component of 26S (~2000kDa) complex that degrades ubiquitinated proteins including c-jun, NF-κB, WT1 and other transcription factors. Overexpression of PSMD4 has been observed in breast cancer and its overexpression correlates with poor survival. Recombinant human PSMD4 was expressed in E coli and purified by the combination of Ni-affinity and conventional/FPLC chromatography methods to >95% homogeneity.

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MHHHHHHGGGLEMVLESTMVCVDNSEYMRNGDFLPTRLQAQQDAVNI VCH
SKTRSNPENNVGLITLANDCEVLTTLTPDTGRILSKLHTVQPKGKITFCT
GIRVAHLALKHRQGNHMKRI IAFVGS PVEDNEKDLVKLAKRLKKEKVN V
DIINFGEEEVNTEKLTAFVNTLNGKDG TGSHLVTVPPGPSLADALISSPI
LAGEGGAMLGLGASDFEFGVDPSADPELALALRVSMEEQRQRQEEEARA
AAASAAEAGIAT TGTGERDSD DALLKMTISQQEFGR TGLPDLSSMTEEE
QIAYAMQMSLQGA EFGQAESADIDASSAMDTSEPAKEEDDYDVMQDPEFL
QSVLENLPGVDPNNEAIRNAMGSLASQATKDGKDKKKEEDKK
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Accession Number	NP_001317621
Source	<i>E coli</i>
Molecular Mass	Approximately 50kDa.
Purity	≥95%, as determined by SDS-PAGE.
Biological Activity	Recombinant PSMD4 (S5a) protein is suitable for inducing human acute monocytic leukemia cells (THP-1 cells) to differentiate into macrophages.
Formulation	20mM Tris-Cl, pH7.9, 20% glycerol, 100mM NaCl and 0.5mM EDTA. Sterilized by passing through a 0.2mm filter.
Storage	The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -80°C for three months without detectable loss of activity.
Special Notes	FOR RESEARCH USE ONLY